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March 30th 2023, 10:00-17:00, ETH Main Hall

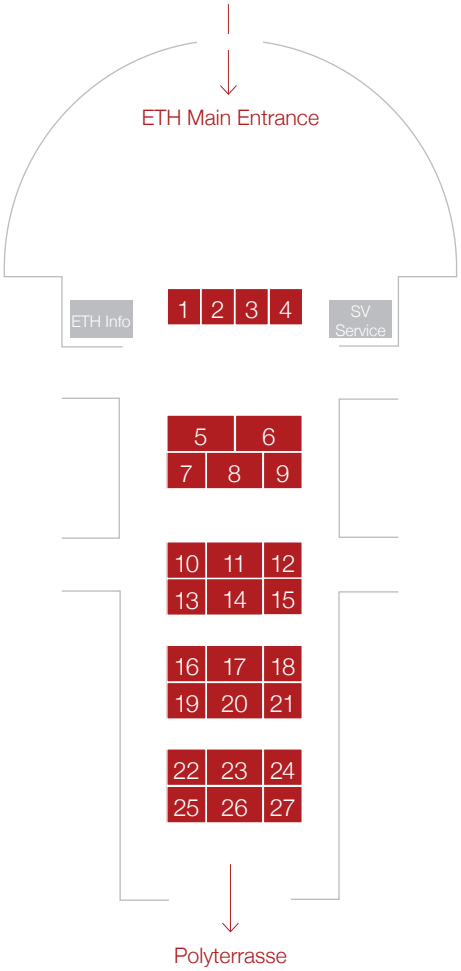
[MindPhair]

Job Fair for Mathematicians, Physicists and Computational Scientists at ETH

[v/mp] vseth

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Rector‘s Greetings



Studienrichtungen wie Mathematik oder Physik stellen eine solide Basis für ein breites und diverses Spektrum beruflicher Aktivitäten dar, wie uns die Befragungen unserer Absolventinnen und Absolventen zeigen. Sie arbeiten nicht nur als Forscherinnen und als Lehrer an Universitäten, Fachhochschulen und Mittelschulen.

Mathematikerinnen und Mathematiker trifft man in Versicherungen, Banken und in der Industrie, in der Software-Entwicklung, bei der Planung und Optimierung von Betriebsabläufen oder als Statistikerinnen in öffentlichen Ämtern.

Physikerinnen und Physiker sind nach dem Studium oft in der Forschung in industriellen oder staatlichen Laboratorien oder im Dienstleistungssektor tätig. Sie sind in ebenfalls in einem breiten Spektrum von Branchen zu finden – von Banken und Consultingfirmen bis hin zum Gesundheitsbereich.

Um den Studierenden der Mathematik und Physik die besten Optionen für das Leben jenseits der Akademie zu präsentieren und um ihnen eine fundierte Entscheidung zu ermöglichen, organisiert der Fachverein VMP die MindPhair. Sie ist sowohl für unsere Studierenden und Absolventinnen und Absolventen als auch für führende Unternehmen, Forschungseinrichtungen und Organisationen im privaten und öffentlichen Sektor eine ausgezeichnete Plattform für ein gegenseitiges Kennenlernen.

Für beide Seiten ist die persönliche Begegnung von zentraler Bedeutung. Unsere Studierenden lernen mögliche Arbeitgeber kennen, profitieren von den Erfahrungen von deren Mitarbeitenden, die den Wechsel in die Arbeitswelt bereits vollzogen haben, und die teilnehmenden Firmen und Organisationen kommen in den direkten Kontakt mit unseren Talenten!

Ich wünsche den Firmenvertrererinnen und -vertretern sowie unseren Studierenden und Absolventinnen und Absolventen eine erfolgreiche MindPhair 2023 und inspirierende Gespräche!

Günther Dissertori

Rektor der ETH Zürich

President‘s Welcome



Dear students,

We are thrilled to welcome you to our MindPhair, featuring 27 companies from various industries: finance, technology, engineering, consulting, and insurance. We designed this event with your career in mind, and we hope that you will find it both informative and engaging.

In preparation for the job fair, we held a CV check service together with our experienced partner Talendo to ensure that you are presenting the best version of yourself to your potential employers.

We also have a range of side events and talks scheduled to give insight into the latest trends and the industry. These talks cover a wide range of topics and give you the opportunity to learn from experts in their fields and gain valuable knowledge that can help you succeed in your chosen career path.

We are proud to have such a diverse group of companies here and we encourage you to take advantage of the opportunity to network and explore different career paths. This is the chance to meet recruiters, ask questions and gain a better understanding of what it takes to succeed in different industries. Take this opportunity to learn about the different roles and responsibilities that you can pursue after your degree.

On behalf of the whole MindPhair commission, we would like to thank all the volunteers from the VMP and all ETH offices helping us, without whom we would not have been able to organize the fair.

Lastly, we hope that you will have a great time at MindPhair talking to different people, exploring interesting industries and successfully searching for employment opportunities. Take this opportunity to have fun and make the most of this unique chance to engage with industry experts.

Nuo

And the entire MindPhair team

talendo

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talendo



talendo – Partnerin für Studium, Berufseinstieg und Karriere

Mit der führenden Jobplattform talendo.ch, einzigartigen Events & Messen, dem Karriere-Ratgeber Career Starter sowie einem grossen Netzwerk unterstützen wir Studierende & Graduates auf der Suche nach der passenden Einstiegsstelle oder der passenden Weiterbildung.



talendo – partner for studies, career and job entry

With the leading job platform talendo.ch, unique events & fairs, the career guide Career Starter as well as a large network, we support students & graduates in their search for the first job or the right education.

SENSIRION

Meet & Greet Sensirion «Have Fun Making the World a Better Place»

- *Sebastian Nufer, R&D Engineer*
- *Gian Lorenzo Simoné Paravicini, R&D Engineer*

Sebastian and Gian Lorenzo (both R&D Engineers), will share their experiences regarding the working atmosphere, the freedom and responsibility they are given, the various events and some of the success stories that show how their job help people have a better life.

30.03.23 **10:15-11.00** **HG F30**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

SBB CFF FFS

Improving mobility in Switzerland using SBB's data honeypots

- *Bruno Hauser, Data Scientist*
- *Emanuel Zwyssig, Career Starter Data Science*

In diesem Talk erhältst du einen kurzen, aber knackigen Einblick, wie in der SBB Data Science und Machine-Learning-Methoden in vielseitigen Anwendungsfällen zum Einsatz kommen. Natural Language Processing (NLP), Computer Vision, klassisches Machine-Learning, Zeitreihen, Statistik und physikbasierte Modelle – we've got them all covered.

Ausserdem erfährst du aus erster Hand, wie es ist, frisch ab der ETH bei der SBB zu starten, und an welchen Themen – von Transformatoren in Wasserkraftwerken bis zur Zukunft des internationalen Tarifsystems – du mitarbeiten kannst. Und wie auch du Teil unserer SBB Young Talents Community wirst.

30.03.23 **11:15-12.00** **HG**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

d-one.ai

Herlock.ai - Finding the missing Link in 500 federal folders comprising over 100'000 pages of evidence

- *Teddy Freiburghaus, CEO & Co-Founder of Herlock Insights AG*
- *Jacqueline Stählin, Managing Consultant D ONE*

For the legal profession, the exponential growth of data is both a threat and a promise. A threat, because finding crucial facts buried in hundreds of thousands of documents is hard. A promise, because proper management, analysis, and interpretation of data provides a competitive advantage and full transparency during all stages of legal proceedings.

In this talk, we present our novel text analytics platform Herlock.ai to leverage these possibilities. Herlock.ai finds mentions of persons, dates, and locations in the corpus and makes these findings available to the lawyer. In order to achieve this, several hurdles have to be overcome. Paper documents need to become machine readable. Even when the digital version exactly replicates the paper, the data is not available for analysis because of human inconsistencies and errors. Herlock.ai fixes these problems and provides excellent content. In order to support the lawyer in their work, Herlock.ai needs to be easy to use and understand, e.g. by splitting documents into meaningful parts, by comparing different variants, and by marking textual anomalies.

We exemplify the use of Herlock.ai in a recent Swiss commercial lawsuit that has received high media coverage. 500 federal folders that physically fill entire walls of shelves were an unprecedented challenge for the involved parties. The quick search and navigation is a key tool and the analytics we provide are used for official submissions to the court.

30.03.23 **12:15-13.00** **HG E3**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

Dare to step out of your comfort zone

- *Dani Arnold, Swiss record climber and mountain guide*
- *Scott Reiser, Assistant Manager Digital Transformation at KPMG*

Are you interested in learning how to overcome obstacles and setbacks in your studies and your career? Join us for an exciting talk featuring Dani Arnold, as he shares his insights on how to cultivate courage and resilience. In 2011, the Swiss record climber and mountain guide made history by breaking Ueli Steck's record in climbing the daunting Eiger North Face. This achievement marked the beginning of an extraordinary journey of pushing limits, defying odds and inspiring others to do the same. Discover how Dani deals with defeat and prepares for his projects, and how his experiences can be applied to other professions, as shown by Scott Reiser, a former ETH student now working in Digital Transformation at KPMG.

At KPMG, we believe that courage is essential for success in any career, and we are excited to share our insights with you. Our talk will provide practical advice on how to develop your talents and skills, make bold decisions, and find purpose in your work. It's important to be true to yourself, to know when to stand by your convictions and when to move on.

Come and join us to learn from an expert in overcoming challenges and get a feel for what life at KPMG is all about. We encourage everyone to dare to do and achieve great things, and we look forward to seeing you at the career fair.

30.03.23 **13:15-14:00** **HG E3**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

From building satellites to using their data for monitoring the Earth's environment and its climate

- Dr. Maurice Borgeaud, Retired, former Head of Department Earth Observation Programmes Directorate

Ever dreamt of becoming a rocket scientist? Interested in learning more about working for the European Space Agency? Come to this talk to hear about the fast-developing fields of satellite data applications, particularly those aimed at gaining a better understanding of our planet and its environment as well as of the effects of climate change. Hear how new space missions are prepared to address key science questions and societal challenges.

ESA's main activities in these domains will be presented together with a description of the complete lifecycle of a satellite mission, from the origin of the mission to meet specific user requirements right through to the operation of the satellite once launched. The different employment opportunities offered by ESA, as well as the aspects of ESA careers linked to system engineering, mathematics, physics and computational science from Big Data to artificial intelligence, will also be highlighted.

30.03.23 **14:15-15.00** **HG E3**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

Optiver

Putting Theory into Practice: The Maths Behind Market Making

- Ivo Bodin, Quantitative Researcher

Interested in discovering how your mathematical skills can be applied at a leading trading firm? Curious about how you can solve some of the toughest analytical challenges in the finance industry? In this talk Ivo Bodin, Quantitative Researcher at Optiver, will provide insights into the innovative mathematical and statistical techniques that are instrumental to the success of the leading global market maker.

You'll learn more about how Optiver's research teams deploy models such as Black-Scholes and stochastic calculus to understand market behaviour and provide accurate pricing for thousands of financial products. The interactive presentation will also demonstrate the importance of data-driven optimization techniques in achieving low latency and providing liquidity to the markets.

At the end of the talk, you'll have the chance to ask any questions you have about market making, quantitative research and life at Optiver.

30.03.23 **15:15-16.00** **HG E3**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

SIG SUSQUEHANNA

[MindPhair]

Machine Learning in Quantitative Finance

- Thomas Cayé, Quantitative Researcher

Financial markets are ever evolving structures, always changing, and bringing new challenges, but fortunately, the arsenal of techniques and methods at the disposition of the data analyst is growing too. Leveraging these techniques to find profitable patterns in enormous amount of data, and adapting them into production algorithms are some of the tasks that make the life of a quantitative researcher exciting. Join us to learn more about how state-of-the-art research enters the day-to-day world.

30.03.23 **16:15-17.00** **HG E3**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

ETH zürich
CAREER
CENTER

Interview Preparation

Presentation with Live Interview – 90 min.

After a short introduction into different interview techniques, the audience will have the opportunity to observe a live interview between the facilitators and a pre-selected student. By observing the interview, the audience will learn more about potential questions and possible "tricky" situations. During the ensuing feedback and discussion round, the audience will develop a better understanding of:

- How to behave in a first interview and what should you expect
- Why interviewers ask certain questions and what interviewers are really looking for.
- How to formulate efficient answers using the STAR interviewing method
- Certain Do's and Don'ts of being interviewed

30.03.23 **12:15-14:00** **HG**

Please **confirm** the latest event details (**location**) on the event page via the QR-code above.

Allianz

Let's care for tomorrow.

Nimm deine Zukunft in die eigene Hand.
Werde Trainee bei der Allianz.



careers.allianz.com/schweiz

Company Description

Die Allianz wurde vor über 125 Jahren in München gegründet und ist heute eine der weltweit stärksten Finanzgesellschaften.

In der Schweiz verlassen sich über eine Million Privat- und Unternehmenskunden in allen Lebens- und Entwicklungsphasen auf die Beratung und den Versicherungs- und Vorsorgeschutz der Allianz Suisse.

Wir sind stolz darauf, eines der renommiertesten Versicherungs- und Asset-Management-Unternehmen der Schweiz zu sein.

Philosophy

«Let's care for tomorrow» ist unser Versprechen, uns um die Zukunft zu sorgen und Sicherheit zu geben.

Wir arbeiten alle gemeinsam daran, die Zukunft der Versicherungsbranche zu prägen. Was uns dabei hilft? Unsere Vielfalt. Die verschiedenen Ideen, Hintergründe, Ansichten, Erfahrungen und Persönlichkeiten eines jedes einzelnen von uns. Denn genau diese Vielfalt ist es, die es uns allen ermöglicht, weiter voranzukommen und zu wachsen.

Werde Teil des vielfältigen Allianz-Teams und finde genau den Job, der zu dir, deinen Ambitionen, Träumen und Zielen passt.

Contact for application

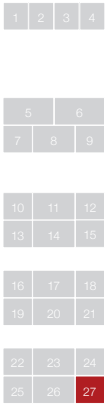
careers.allianz.com/schweiz

Degrees

	BSc	MSc	PhD
CSE	○	●	○
Mathematics	●	●	●
Physics	●	●	●

Opportunities

- ● Direct Employment
- ● Trainee Program
- ○ Internship ~12 Months
- ○ Internship ~6 Months
- ○ Master Thesis



CKW.

Company Description

Die CKW-Gruppe ist ein führender Schweizer Anbieter von integrierten Energie- und Gebäudetechniklösungen. Seit über 125 Jahren versorgt das Unternehmen seine mittlerweile über 200 000 Endkunden aus den Kantonen Luzern, Schwyz und Uri mit Strom. Hinzu kommen schweizweit innovative Produkte und Dienstleistungen aus den Bereichen Connectivity & IT-Infrastruktur, Elektro, Energietechnik, IT & Communication sowie Security. Die CKW-Gruppe beschäftigt über 2100 Mitarbeitende. Mit rund 350 Lernenden in 14 Berufen ist sie der grösste privatwirtschaftliche Lehrbetrieb der Zentralschweiz. Im Geschäftsjahr 2020/21 erwirtschaftete CKW einen Umsatz von CHF 916 Mio. Mit 81 Prozent der Aktien ist die Axpo Holding AG Mehrheitsaktionärin von CKW.

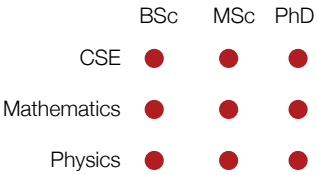
Philosophy

Die Energiebranche ist komplex – deshalb macht CKW dir den Arbeitsalltag einfach. Mit einem modernen Umfeld, guten Sozialversicherungen, flexiblen Arbeitszeiten und vielfältigen Weiterbildungsmöglichkeiten erwartet dich ein Umfeld voll positiver Energie. Hilf mit die Energiezukunft zu gestalten und werde Teil von CKW. Leiste einen wertvollen Beitrag mit deinem Wissen und übernimm schon von Beginn an Verantwortung.

Contact for application

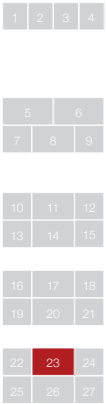
ckw.ch/hochschulabsolventen

Degrees



Opportunities





Company Description

Axpo is Switzerland's largest producer of renewable energy and an international leader in energy trading and the commercialisation of solar and wind power. 6000 employees combine experience and expertise with a passion for innovation. In over 30 countries in Europe, Asia and the USA, Axpo develops innovative energy solutions based on state-of-the art technologies for its customers. In this way, we open up perspectives and generate new impulses for a life full of energy. Today we are setting the course for tomorrow's electricity supply: as the largest producer of renewable energies in Switzerland, we are making sustainable investments in the technologies of the future. Our focus is on hydropower, wind and biomass at optimal locations. On its way into this future, Axpo is thus securing a consistently sustainable and climate-friendly energy supply for its customers in Switzerland. Today, Axpo ranks among the leading energy traders worldwide. Furthermore, Axpo owns almost 40 percent of the production capacity installed in Swiss nuclear power plants. The business of tailor-made energy solutions for customers opens up a world of opportunity for Axpo.

Philosophy

Reliability, sustainability and innovation. These values have shaped Axpo's over 100-year history. We continue to live them today in order to move the company forward together. As a reliable partner, Axpo has earned trust and credibility. Environmental, economic and social sustainability is deeply rooted in our business activities. Innovation and pioneering spirit are anchored in Axpo's DNA and the daily search for even better solutions is our passion.

Contact for application

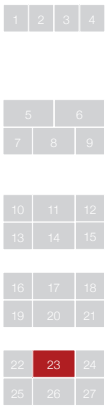
axpo.com/career

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	●	●



"MY BUSINESS CARD SAYS CONSULTANT.

MY BUSINESS SENSE SAYS OWNER.

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Bain & Company sucht Nachwuchs, der wie ein Unternehmer denkt und handelt. Lernen Sie uns kennen und erfahren Sie mehr über Ihre einzigartigen Karrierechancen – auf www.joinbain.ch



joinbain.ch

BAIN & COMPANY

Company Description

Bain &Company is a global consultancy that helps the world's most ambitious change makers define the future. Across 63 offices in 38 countries, we work alongside our clients as one team with a shared ambition to achieve extraordinary results, outperform the competition and redefine industries. We complement our tailored, integrated expertise with a vibrant ecosystem of digital innovators to deliver better, faster and more enduring outcomes.

Our 10-year commitment to invest more than $1 billion in pro bono services brings our talent, expertise and insight to organizations tackling today's urgent challenges in education, racial equity, social justice, economic development and the environment. We earned a gold rating from EcoVadis, the leading platform for environmental, social, and ethical performance ratings for global supply chains, putting us in the top 2% of all companies. Since our founding in 1973, we have measured our success by the success of our clients, and we proudly maintain the highest level of client advocacy in the industry.

Contact for application

joinbain.de/en/bewerben/

Philosophy

Bain is a great place to start a successful career. Whether you want to stay in consulting or simply gain some consulting experience after graduation, you'll move up a steep learning curve and benefit from the rich development opportunities we offer. Our people are what sets us apart. Just as we help clients grow beyond themselves, we do the same for our Bainies – and we are passionate about making a measurable difference in everything we do. «One Firm, one Spirit» – it is this unique company culture and the spirit we share around the globe that make Bain such a great place to build your career.

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

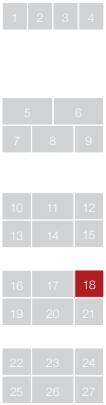
● Direct Employment

○ Trainee Program

○ Internship ~12 Months

● Internship ~6 Months

○ Master Thesis





Confinale is one of the leading Avaloq service providers for tax, compliance, wealth advisory, regulatory reporting and the credit business with over 100 employees in Switzerland, Germany and the UK. For our IT Consulting division we are looking for an

IT Consultant / Business Analyst

Are you interested in starting your career in consulting for internationally active clients and do you appreciate varied and challenging tasks?

Confinale offers you the opportunity to apply your IT and business management skills and launch your career.

YOUR STRENGTHS AND EXPERIENCE

_ Above-average Master's or PhD degree in physics, computer science, mathematics, industrial engineering or comparable nature
_ High IT affinity and strong analytical skills
_ Practical expertise in relational databases (Oracle)
_ Programming experience (PL/SQL) is an advantage
_ Team player with high flexibility and resilience
_ Results-oriented personality with a proactive approach and excellent communication skills
_ Very good knowledge of German and English

YOUR MAIN TASKS

_ Implementation of the Avaloq Banking System in selected specialist areas
_ Development of innovative front-end solutions for banks _ Design and parameterization of various business cases according to the needs of our customers
_ Writing business or technical specifications
_ Training of users

OUR OFFER

_ Exciting entry into IT consulting with intensive introductory training
_ Organic, clearly defined and achievable career path.
_ Excellent team spirit and working with like-minded people in an innovative and collaborative environment
_ Home office option for an optimal work-life balance
_ Competitive and performance-oriented remuneration

CONTACT

Please send your complete application to career@confinale.ch

Cindy Friederich, Head Human Resources,
www.confinale.com

CONFINALE

Digital Banking applied

Company Description

New technologies, new regulatory requirements and new forms of customer behaviour are constantly presenting banks with new challenges in digitizing their processes. As an IT consulting and software development company specializing in the banking sector, we offer our customers the appropriate solutions.

Our focus is on tax, compliance, wealth management and credit transactions. We either develop new functionalities in the existing core banking system or integrate our own applications or those developed by third parties. With our consulting and development teams, we cover the entire process over the course of an IT project. The range of services extends from the consulting and conception phase, through the analysis and design phase, to actual development, implementation and IT maintenance.

Philosophy

We take full responsibility for what we do and do things the proper way. Reliability and transparency towards our customers distinguish us from others. We promote the strengths of each individual employee. We only achieve top results as a team. Company events connect us and are fun.

Required qualifications

- Above average degree.
- High IT affinity and strong analytical skills.
- Practical expertise in relational databases (Oracle) Programming experience (PL/SQL) is an advantage.
- Team player with high flexibility and resilience results oriented personality with a proactive approach and excellent communication skills.
- Very good knowledge of German and English.

Contact for application

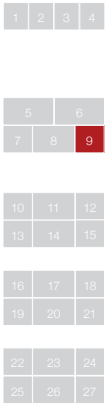
career@confinale.ch

Degrees

	BSc	MSc	PhD
CSE	●	●	○
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	○	○	○



d-fine

analytisch.
technologisch.
quantitativ.



Ihre Karriere bei d-fine Schweiz

Absolventen (m/w/d)

Wir bieten

» Einen fordernden und interessanten Arbeitsplatz mit Perspektiven

» Überdurchschnittliche Entlohnung und soziale Leistungen, tolle Mitarbeiter-Events und vieles mehr

» Intensive Einführungsschulungen in Ihr zukünftiges Aufgabenfeld

» Anspruchsvolles Weiterbildungsprogramm auf höchstem Niveau in Zusammenarbeit mit führenden internationalen Universitäten wie z.B. University of Oxford oder ausgewählten Business Schools

» Die Möglichkeit, einen Master of Science in Finanzmathematik, einen (Executive) MBA, einen Abschluss als Chartered Financial Analyst (CFA) oder einen Abschluss als Financial Risk Manager (FRM) zu erwerben

Werden Sie Teil des Teams!

Als wachstumsstarkes Unternehmen suchen wir zur Verstärkung unseres Consulting-Teams ganzjährig Absolventen (m/w/d). Wenn Sie gerade studieren, die Universität abgeschlossen oder bereits erste Berufserfahrung gesammelt haben, dann freuen wir uns auf Ihre Bewerbung über unser d-fine Stellenportal oder alternativ per E-Mail an: careers@d-fine.ch

d-fine

Company Description

d-fine ist ein kontinuierlich wachsendes europäisches Beratungsunternehmen mit über 1.000 Mitarbeiterinnen und Mitarbeitern. Wir sind mit elf Standorten in sieben Ländern nah bei unseren Kunden. Im Fokus unserer Projekte liegen quantitative Fragestellungen rund um Data Analytics, Data Science, Modellierung und den Aufbau nachhaltiger technologischer Lösungen. Unser Beratungsansatz basiert auf langjähriger Praxiserfahrung und dynamischen Teams mit klarer analytischer und technologischer Prägung.

Unsere Projekte sind vielfältig. Das trifft sowohl auf Themen und Kunden zu als auch auf die Projektmodelle. Wir arbeiten als Team vor Ort beim Kunden, gemeinsam aus einem unserer Büros oder auch remote in virtuellen Projekträumen.

Philosophy

d-fine legt Wert auf einen fairen Umgang mit Team, Kunden und Geschäftspartnern. Der Erfolg unserer Projekte liegt in der engen und vertrauensvollen Zusammenarbeit mit unseren Kunden begründet. Teambildung statt Ellenbogengesellschaft ist für uns Teil der Firmenphilosophie und spiegelt sich in Projektstrukturen, persönlicher Förderung und Anreizsystemen wieder.

Contact for application

d-fine.com/karriere/schweiz/stellenportal/

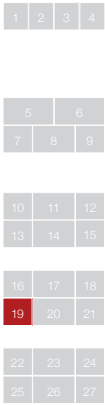
Frau Claudia Trunz careers@d-fine.ch

Degrees

	BSc	MSc	PhD
CSE	○	●	●
Mathematics	○	●	●
Physics	○	●	●

Opportunities

- ● Direct Employment
- ○ Trainee Program
- ○ Internship ~12 Months
- ○ Internship ~6 Months
- ○ Master Thesis





Our work, data-driven value creation, requires bright minds. Getting to the bottom of things, thinking outside the box, and using the power of the question are key disciplines which we seek and you have.

We bet that you will love the high signal / low noise environment, smooth administration, and absence of politics that D ONE offers.

If you strive for challenging work, an inspiring team and excellent career perspectives: call us (Liliane Merk, +41 44 435 10 10).

D ONE

WE MAKE SENSE.

DATA SCIENCE & ANALYTICS | DATA MANAGEMENT | VISUALIZATION & DATA EXPERIENCE

D ONE, Sihlfeldstrasse 58, 8003 Zürich, www.d-one.ai

d-one.ai

Company Description

D ONE creates data-driven value. Our consultants design and implement business intelligence and analytics applications and support our clients to realize the value of their data.

Our work, data-driven value creation, requires bright minds. Getting to the bottom of things, thinking out of the box, and using the power of the question are constantly required disciplines. Also, we are convinced that talents en- joy the low noise environment that D ONE offers: the smooth and simple administration, the uncomplicated way of doing business, the absence of politics.

Philosophy

Vision: We are building D ONE as a world-class company. Our ambition: to be a talent heaven and a leading voice in data-driven value creation.

Mission: We define success by our client's success. To pursue this goal, we combine our success-critical competencies:

- Intellectual agility
- Understanding client's needs
- Clever and creative team play
- Getting the job done

To deliver outstanding results with high business value. Presented in a comprehensible form, achieved in an easy-to-do-business-with way.

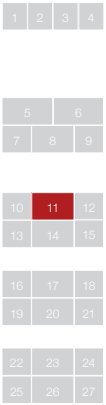
Contact for application

d-one.ai/career

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Talk
12:15-13:00
HG E3



Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	●	○

Wir suchen clevere Köpfe.

Immer.

Deine Initiative ist immer eine Chance

Wir sind ständig auf der Suche nach cleveren Köpfen, um unsere Teams zu verstärken – und das nicht nur für die von uns aktuell ausgeschriebenen Stellen. Und weil wir schon heute das Übermorgen im Blick haben, interessieren wir uns auch immer für Potenziale, an die wir noch gar nicht gedacht haben.



www.elca.ch

ELCA
We make it work.

ELCA

Company Description

ELCA ist mit mehr als 2000 Mitarbeitenden eine der grössten unabhängigen Schweizer Firmen im Bereich IT Consulting, Softwareentwicklung und Systemintegration.

Zu unseren Dienstleistungen gehören die Software Entwicklung, die System Integration und das IT Business Consulting. Wir zeichnen uns aus durch unseren Mix, in dem wir die Projekt Teams gezielt mit Seniorität und Talenten kombinieren, was die Förderung und Weiterentwicklung von jungen Berufseinsteigern ermöglicht und vereinfacht.

Die Karrieremöglichkeiten sind vielfältig und richten sich nach Deinen Bedürfnissen und Skills.

Philosophy

Bei der ELCA setzen wir auf gesunde Werte und sind davon überzeugt, dass Diversität der Schlüssel zum Erfolg ist. Wer Herausforderungen mit Neugierde, Motivation und Tatendrang angeht, ist bei uns genau richtig!

Lass Dich von unserem Leitsatz inspirieren: We make it work!

Contact for application

elca.ch/de/berufsmoeglichkeiten

julian.turkmani@elca.ch

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	●	●	●

esa

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Follow us on:



→ THE EUROPEAN SPACE AGENCY

Company Description

ESA is an international organisation with 22 Member States. By coordinating the financial and intellectual resources of its members, it can undertake programmes and activities far beyond the scope of any single European country.

In short, ESA's job is to draw up the European space programme and carry it through. ESA's programmes are designed to find out more about Earth, its immediate space environment, our Solar System and the Universe, as well as to develop satellite-based technologies and services, and to promote European industries. ESA also works closely with space organisations outside Europe and certain ESA programmes, such as Galileo and Copernicus, are funded by the EU.

There are around 2500 staff working for ESA, from all its Member States and include scientists, engineers, information technology specialists and administrative personnel.

Philosophy

We are the European Space Agency. Our mission is the peaceful exploration and use of space for the benefit of everyone. We watch over Earth, develop and launch inspiring and unique space projects, train astronauts and push the boundaries of science and technology, seeking answers to the big questions about the Universe. We are a family of scientists, engineers and business professionals from all over Europe working together in a diverse and multinational environment. We are dedicated to united space in Europe and united Europe in space.

Contact for application

jobs.esa.int/

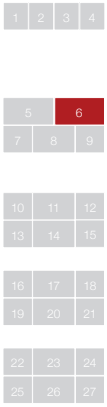
Degrees

	BSc	MSc	PhD
CSE	○	●	●
Mathematics	○	●	●
Physics	○	●	●

Opportunities

- ● Direct Employment
- ● Trainee Program
- ○ Internship ~12 Months
- ● Internship ~6 Months
- ● Master Thesis

Talk
14:15-15:00
HG E3




EY
Building a better working world
If you don't push boundaries, how will we break them?
The exceptional EY experience. It's yours to build.
The better the question. The better the answer. The better the world works.

Company Description

Through our work, we are committed to build a better working world and to ensure a sustainable growth in over 150 countries. We support our clients, employees and society to create long-term value by strengthening trust in the capital markets and to grow responsibly.

At EY, you will benefit from a vibrant and innovative environment, surrounded by colleagues with diverse backgrounds, ideas and ambitions. We provide you with the opportunities so you can build your own exceptional experience, in line with our promise: „The exceptional EY experience. It‘s yours to build“. At EY, it‘s in your hands to make a difference.

A flexible approach to work is just as important at EY as working as part of a team. We expect you to be inspired and motivated to make the most of your strengths in order to grow continuously together with us. Because only together we are able to reach our goal to „Building a better working world“.

Philosophy

At EY, we empower our people with the right mindsets and skills to navigate what’s next, become the transformative leaders the world needs, pursue careers as unique as they are, and build their own exceptional EY experiences.

Contact for application

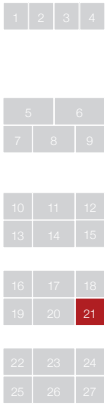
ey.com/en_ch/careers

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	○	○	○
Physics	○	○	○

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	○	●	○





DO YOU THRIVE ON **OUTSMARTING** YOUR **COMPETITION?**

GRADUATE TRADER & TRADING INTERN

We are looking for talented individuals with excellent mathematical and analytical skills combined with an interest in global financial markets. Our Traders manage and optimize our daily positions, formulate innovative trading strategies whilst also developing tools.

As a Summer Intern you will learn about our trading strategies, trading system and experience life as a Trader at Flow.

GRADUATE SOFTWARE DEVELOPER PROGRAM

We prepared the Graduate Software Development program for ambitious graduates who like to be challenged every day. During the program, you will work in sprints and participate in stand-up meetings; at the same time, you will work together with your fellow graduate software engineers, and experience working with different Flow Traders development teams.

EVENTS

We are also hosting several online events for you to get more familiar with Flow Traders! You can check them out at our events page on our website.

Reach out to us at:
careers.europe@flowtraders.com
flowtraders.com/careers

Flow Traders is an international leading principal trading firm.

FLOW TRADERS

Company Description

Flow Traders is a leading global technology-enabled liquidity provider in financial products. Founded in 2004, we continuously growing our team and organization, expanding our product offering, large counterparty network and trading capabilities to ensure that our trading hubs in Europe, the US and APAC can provide liquidity across all major exchanges and trading platforms, globally, 24 hours a day.

We are a technology company operating in global financial markets, using our proprietary technology platform to quote bid and ask prices in thousands of financial products. We also provide liquidity in financial products, historically with a focus on exchange-traded products (ETPs). We do this globally; enabling investors to buy and sell ETPs efficiently by quoting bid and ask prices under virtually all market circumstances. In recent years, we have diversified the products we trade, now including Digital Assets, Fixed Income, Commodities and Foreign Exchange (FX).

Philosophy

Our culture is unique. We are entrepreneurs at heart and drive innovation across financial markets. We are a team of passionate, creative minds working together across multi functions and countries. Through our entrepreneurial spirit people have opportunities to grow and develop themselves and build a career. Flow Traders offers fantastic opportunities and benefits to ensure our team are at their best. Core to Flow Traders' DNA is to reward the people for their contributions and have a remuneration approach to reflect this, sharing in profits. This approach has enabled us to foster a culture of ownership and embeds a high level of risk-awareness at every level of the organization. We also strive for continuous improvement and hold ourselves to industry-leading compliance and regulatory standards.

Contact for application

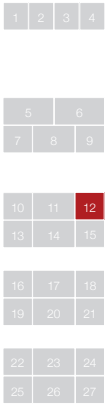
flowtraders.com/careers/job-search

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

- ● Direct Employment
- ○ Trainee Program
- ○ Internship ~12 Months
- ○ Internship ~6 Months
- ○ Master Thesis



HAMILTON | HAMILTON MEDICAL

TOP OF THE JOB

«Ich weiss, wo ich hin will. Du?»



Wir suchen zielstrebige Ingenieur:innen mit neuen Ideen. Bewirb dich.

Barbara Liebl,
Team Leader HR Business Partner.

jobs.hamilton.ch

Top Company 2023 kununu

HAMILTON MEDICAL

Company Description

Hamilton Medical is a dynamic, internationally successful medical device company headquartered in Bonaduz, Switzerland. At Hamilton Medical, we live for ventilation technology. Technology that helps caregivers improve the lives of their critically ill patients. We believe that innovation is essential to meet the demands of critical care.

To strengthen our multinational team, we are looking for motivated people in all areas of the company: from software developers to medical or healthcare professionals, from engineers to export specialists, from production workers to regulatory affairs specialists, and from project leaders to product managers.

Philosophy

«We are committed to helping medical teams deliver the best respiratory care - to anyone, anywhere.»

Please see: www.hamilton-medical.com

Contact for application

jobs.hamilton.ch/en/vacant-positions/

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

- Direct Employment
- Trainee Program
- Internship ~12 Months
- Internship ~6 Months
- Master Thesis


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Join our custom graduate program. Learn from the best and define your own career path. Make immediate moves in the real market in a real team. At IMC Trading, there's no hierarchy and no egos—just an open culture and unprecedented growth. Start your career at the world's most innovative trading firm.
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imc.com/careers

Company Description

IMC was founded in 1989 by two traders working on the floor of the Amsterdam Equity Options Exchange.

While today's industry is highly automated, back then trading was executed on the exchange floor by traders manually calculating the price to buy or sell. IMC was among the first to spot the importance of technology and innovation in the evolution of market making and invested early, helping shape the future of trading. That entrepreneurial spirit and innovative culture still drives IMC, which stands for International Marketmaker's Combination. In 30 years we've grown internationally, trading primarily on the basis of data and algorithms, and using our execution platform to provide liquidity to financial markets globally.

Philosophy

IMC is a leading global trading firm with technology - and individuality - at its heart. With offices in Amsterdam, Chicago, Sydney and Mumbai, you'll experience our truly global culture. A culture of openness, idea sharing and collaboration. Whether it's trading, data, software or hardware, we're constantly pushing ourselves and our systems further; challenging, adapting and redesigning to create world-class solutions that can outsmart the competition. It's in these collaborations, with incredibly fast feedback that the magic happens. Operating at this extremely high level gives you the skills that will form the foundations of your career.

Contact for application

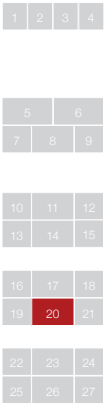
imc.com/careers

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

- ● Direct Employment
- ○ Trainee Program
- ○ Internship ~12 Months
- ○ Internship ~6 Months
- ○ Master Thesis



Work where your mind matters.

Jane Street is a proprietary trading firm that operates around the clock and around the globe focusing primarily on equities and equity derivatives. Founded in 2000, Jane Street has in offices in New York, London, Amsterdam and Hong Kong. The environment at Jane Street is open, informal, intellectual and fun. You can wear a t-shirt and jeans to the office every day, the kitchen is stocked, and discussions are always lively. Teaching and learning are central activities through classes, mentoring and discussion.

Jane Street summer internship and full-time opportunities are now open! **Visit janestreet.com/apply to learn more.**



Jane Street

Company Description

Jane Street works differently. We are a quantitative trading firm active on more than 200 trading venues across 45 countries. As a liquidity provider and market maker, we help form the backbone of global markets.

Our approach is rooted in technology and rigorous quantitative analysis, but our success is driven by our people. Our bright, beautiful offices in the heart of New York, London, Hong Kong, Amsterdam, and Singapore are open and buzzing with conversation. We come from many backgrounds and encourage travel between our larger and smaller offices to share perspectives. Some of our best ideas come from bumping into a visiting colleague at the office coffee bar. Markets move fast. Staying competitive as we've grown has required constant invention—of new trading strategies, technology, and processes. We've found this is easier when you hire humble, kind people. They tend to help each other, and prioritize teamwork over titles.

We invest heavily in teaching and training. There's a library and a classroom in every office, because deepening your understanding of something is considered real work. Guest lectures, classes, and conferences round out the intellectual exchanges that happen every day. People grow into long careers at Jane Street because there are always new and interesting problems to solve, systems to build, and theories to test. More than twenty years after our founding, it still feels like we're just getting started.

Philosophy

We hire smart, humble people who love to solve problems, build systems, and test theories. You'll learn something new every day in our office—whether it's connecting with a colleague to share perspectives, or participating in a talk, class, or game night. Our success is driven by our people and we never stop improving.

Contact for application

janestreet.com/join-jane-street

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	○	○


BE ENTREPRENEURIAL.
BE BÄR.
At Julius Baer, we combine an entrepreneurial environment with genuine respect allowing us to work together to shape the future of wealth management.
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Be Bär.
juliusbaer.com
Julius Bär
YOUR WEALTH MANAGER

Julius Bär

Company Description

Julius Baer is the leading Swiss wealth management group. We focus on servicing and advising sophisticated private clients from around the world, taking into account what truly matters to them – in their business and personal life, today and for future generations. Headquartered in Zurich, we are present in more than 50 locations worldwide, including Dubai, Frankfurt, Geneva, Hong Kong, London, Luxembourg, Mexico City, Milan, Monaco, Montevideo, Moscow, Mumbai, São Paulo, Singapore and Tokyo.

Philosophy

At Julius Baer, you will enjoy the benefits of a global company with the support and collegiality of a much smaller one. We are growing quickly, but we remain dedicated to maintaining our accessible structure with flat hierarchies, and approachable and supportive leaders. With offices around the world, we offer an international and stimulating environment and the opportunity to work with a diverse team of highly motivated colleagues, bringing the best of the bank to clients. We care for our employees as much as we care about our clients. We enable our employees and offer them as much leeway, autonomy, and flexibility as possible to create lasting success. We value entrepreneurial thinking, attracting creative people with drive to join our team. Our core values of Care, Passion, and Excellence define the tone of how we interact with each other and our partners.

Contact for application

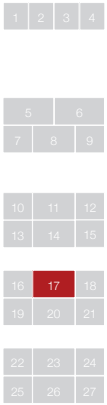
juliusbaer.com/en/careers

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	○	●	○
Physics	○	○	○

Opportunities

- ● Direct Employment
- ○ Trainee Program
- ○ Internship ~12 Months
- ● Internship ~6 Months
- ○ Master Thesis



KPMG

Make your mark

Dare to shape your career and create impact



kpmg.ch/careers

Company Description

For those who dare to do, KPMG is the right place to embark on a fulfilling career. We offer a forward-thinking work environment where talented and committed people can realize their full potential.

With 300 different auditing and advisory service opportunities, young entrepreneurs can choose the career path that suits them best. Whether you choose a student internship, graduate program or permanent position, discover why KPMG is the place for personal growth and professional achievement.

Philosophy

Every day, in ways big and small, you make a meaningful and positive difference for clients, people and the communities we serve. Help create opportunity in a world of increasing complexity. Grow your own way in an environment where learning is continuous. Feed your curiosity, work with the best on emerging practices and technologies, and gain an advantage for life.

Your aspirations and initiative make KPMG better. Wherever you work, be recognized for the impact you make, the leadership you show, and the success you create with others.

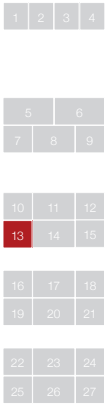
Contact for application

kpmg.ch/careers

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Talk
13:15-14:00
HG E3



Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	●	●



Firmenübergreifendes **Software Trainee-Programm** für StudienabgängerInnen

Software-Engineering von A-Z
4-6 Technologiefirmen in nur drei Jahren
Abwechslungsreiche & fordernde Projekte

Know-how Aufbau
Persönliches Mentoring
Monatliche Workshops

Sicher in die Zukunft
Aufbau eines umfassenden Netzwerks
Zugang zu Top-Firmen mit Aussicht zur Festanstellung

www.m-f.ch/tp

Company Description

Die M&F Engineering ist in Fahrweid (Dietikon) Zuhause. Gegründet 1985 sind wir spezialisiert auf die Individualsoftware-Entwicklung im industriellen Umfeld und entwickeln schlüsselfertige Prüfsysteme. Zudem bieten wir für StudienabgängerInnen ein firmenübergreifendes Software Trainee-Programm an. Fürs Trainee-Programm suchen wir immer wieder junge und motivierte Leute, die in der Softwareentwicklung durchstarten möchten. Dabei kannst Du Dich mit einem Jahreslohn von CHF 80'000 innerhalb von 3 Jahren zum gesuchten Software-Engineer mit breiter Erfahrung entwickeln. Während dem Trainee-Programm rotierst Du in unserem Partnerfirmennetzwerk alle 6-12 Monate und lernst so verschiedene Unternehmen, Arbeitsweisen und Technologien kennen. Parallel dazu profitierst Du von monatlichen Workshops und einem professionellen Mentoring. Am Ende des Programms hast Du die Qual der Wahl und kannst in derjenigen Firma bleiben, wo es dir am besten gefallen hat. Unsere Partnerfirmen im Trainee-Programm sind unter anderem: EBP, Siemens, Dectris, Hamilton Medical, Franke, Hitachi, Sofel, MSCI, Safran Vectronix und viele mehr.

Philosophy

Bei M&F geniesst du vielfältige Weiterbildungs- und Weiterentwicklungsmöglichkeiten. Zudem kannst du bei uns in einer inhabergeführten Firma mit super Klima, flachen Hierarchien und Mitspracherecht arbeiten. Für gute Stimmung bei uns sorgen unsere spannenden Projekte, der wertvolle Austausch unter den Mitarbeitenden, unsere täglichen Töggeli-Challenges und coole Firmenevents.

Contact for application

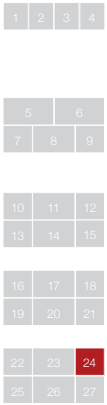
m-f.ch/tp rachel.blaser@m-f.ch

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	○	○



«Wie ich bei der Mobiliar interdisziplinär und agil an eigenen Projekten arbeiten kann?»

Belinda Tramonti
Aktuarin Nicht Leben
und ehemalige Trainee



Erfahren Sie mehr über die inspirierende Arbeitswelt bei der Mobiliar – **mobiliar.ch/karriere**

die Mobiliar

die Mobiliar

Company Description

Die Mobiliar ist die persönlichste Versicherung der Schweiz: Wir sind dort, wo unsere Kunden sind – und da, wenn es darauf ankommt. Als genossenschaftlich verankertes Unter-nehmen engagieren wir uns für unsere Kunden, die Gesellschaft und die Schweiz. So sind wir ein sicherer Wert im Schweizer Alltag und gestalten die Zukunft aktiv mit. Seit 1826, heute und morgen – was immer kommt. Der Schlüssel zum Erfolg? Unsere engagierten Mitarbeitenden. Jeder Mitarbeitende leistet einen wichtigen Beitrag zum Unternehmenserfolg. Wer weiss, was er will und kann, der ist bei uns richtig. Bei der Mobiliar finden Sie anspruchsvolle Arbeitsplätze, interessante Karriereperspektiven und eine umsetzungsorientierte Firmenkultur, in der wir uns gegenseitig weiterbringen.

Philosophy

Wir halten, was wir versprechen. Wir sind die persönlichste Versicherung der Schweiz - wir handeln menschlich, nah und verantwortungsvoll. Unsere Kunden leben ihr Leben vertrauensvoll. Wenn etwas passiert, sind wir da und helfen rasch und unkompliziert. Wir alle sind Botschafter der Mobiliar und lösen dieses Versprechen ein. Jeden Tag. Bei allem, was wir tun.

Contact for application

mobiliar.ch/jobs
berufseinstieg@mobiliar.ch

Degrees

	BSc	MSc	PhD
CSE	●	●	○
Mathematics	●	●	○
Physics	●	●	○

Opportunities

- ● Direct Employment
- ● Trainee Program
- ● Internship ~12 Months
- ○ Internship ~6 Months
- ● Master Thesis

BANKING.
TECH.
SCHWIZ

KEVIN DONINELLI →
Software Engineer
Hobby-Cruiser
Oepfelbäumler

Den Fahrtwind vom
Studium mitnehmen
und durchstarten.



oepfelbaum
BANKING TECHNOLOGY EXPERTS

oepfelbaum
BANKING TECHNOLOGY EXPERTS

Company Description

Als Banking Technology Experts unterstützen wir seit 2001 unsere Kunden in der Schweizer Finanzindustrie fachlich und technisch in allen Bereichen der digitalen Transformation. Consulting in den Bereichen Trading & Risk, Core Banking und Digital Banking ist unsere Leidenschaft. Mit Kopf, Hand und Herz helfen wir «hands on» bei der Erweiterung und der Erneuerung von Handels- und Core Banking-Systemen, der Implementierung digitaler Vertriebskanäle, der Integration interner und externer Lösungen in die bestehende Systemwelt und beim Data Engineering. Im Bereich Trading & Risk unterstützen wir unsere Kunden in einem breiten Aufgabenspektrum von der Beratung und Evaluation neuer Systeme bis hin zu technischen Upgrades, von regulatorischen Projekten bis hin zu quantitativen Analysen im Markt- und Credit-Risk Umfeld. Uns allen gemein ist eine echte Freude daran, uns in die Problemstellungen unserer Kunden zu vertiefen und auch für hochkomplexe Fragestellungen nachhaltige und pragmatische Lösungswege zu finden. Kurz gesagt: Wir bringen die Dinge auf den Boden und die Projekte unserer Kunden zum Fliegen!

Philosophy

Ob als Analyst oder Engineer - bei uns triffst du auf aussergewöhnliche Persönlichkeiten, die gemeinsam in einer Organisation mit flachen Hierarchien und überdurchschnittlichen Anstellungsbedingungen Spass an der Arbeit haben. Wertschätzung wird bei uns grossgeschrieben - du geniesst ein Mitspracherecht, was dein Mandat angeht und wir investieren in deine individuelle Weiterentwicklung. Überstunden werden bei uns kompensiert - denn eine gesunde Work-Life-Balance ist essenziell und fördert qualitativ hochstehende Resultate. Du lernst unterschiedliche Firmen und Projekte im internationalen Finanzumfeld in der Deutschschweiz kennen; dies sorgt für Abwechslung, spannende Aufgaben und ein rasches Füllen deines persönlichen Rucksacks. Du hast Freude an mathematisch angehauchten Knobelaufgaben rund um IT und Finance? Du bringst hohe analytische Fähigkeiten, Pragmatismus, Zielstrebigkeit und nicht zuletzt auch eine gesunde Portion Humor mit? Dann freuen wir uns darauf, dich kennenzulernen.

Contact for application

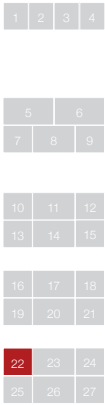
oepfelbaum.com/#jobs jobs@oepfelbaum.com

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	○	○	○





Discover Optiver, a leading global trading firm powered by technical innovation

Are you ready to put your mathematical and analytical skills to the test? We're hiring interns and graduates from diverse academic backgrounds to be part of our mission to improve the markets. With renowned training programmes followed by owning real-time projects, get ready to deliver tangible impact from day one.

At Optiver, every day is your chance to solve the seemingly impossible.

Optiver

Company Description

Ready to accelerate your growth in one of the most dynamic and fascinating industries there is? Discover Optiver, a leading global trading firm powered by technical innovation. For 35+ years, Optiver has been improving financial markets around the world, making them more transparent and efficient for all participants. With our focus on cutting-edge engineering, data science and research, we actively trade on 70+ exchanges, where we're trusted to always provide accurate buy and sell pricing – no matter the market conditions. To be not only active, but also precise, across such a volume of markets and products is a hugely complex challenge – which is exactly what we thrive on.

Are you someone who embraces constant innovation and strategic thinking in the pursuit of excellence? Learn more about Optiver's mission and opportunities at the link below. No financial knowledge is required.

Contact for application

optiver.com/working-at-optiver

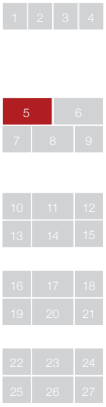
Philosophy

Here's what we're all about: The endless pursuit of excellence. In sum, we improve the market by acting as a stabilising force, there to buy when someone wants to sell, and there to sell where someone wants to buy. It's a responsibility we don't take lightly - even in times of extreme volatility - which makes what we do incredibly fast-paced and exciting. Pushing the envelope one idea at a time. Every day at Optiver is an opportunity to solve the seemingly impossible. It's a place where you're empowered to build, code, develop and strategise ideas that push the boundaries of technological and analytical possibility. Every team member has an integral role to play in this endeavour. From traders to developers, engineers, researchers and business operations specialists, we all strive to find and own unique solutions. It's a melting pot of dynamic thought, fast execution and entrepreneurial spirit. Your growth is our growth. Our ethos is based on a hunger for growth that touches everything we do. Accelerated growth not only applies to our global expansion, but also to every individual team member.

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Talk
15:15-16:00
HG E3



Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	○	○



We create value in private markets by combining **strategic vision** with **market expertise**.

Private Equity | Private Real Estate | Private Infrastructure | Private Debt

Partners Group has been realizing the potential of private market investments for two decades.

Our strategy is to seek out and invest in attractive assets with development potential on behalf of our clients.

We do this by combining significant local sourcing capabilities with deep sector expertise and a leading value creation practice.

Our more than 1,600 professionals in 20 offices around the globe manage USD 131 billion of private market assets on behalf of around 800 institutional clients worldwide.

www.partnersgroup.com

Partners Group

REALIZING POTENTIAL IN PRIVATE MARKETS

Partners Group
REALIZING POTENTIAL IN PRIVATE MARKETS

Company Description

Partners Group is a leading global private markets firm. Since 1996, the firm has invested over USD 185 billion in private equity, private real estate, private debt and private infrastructure on behalf of its clients globally. Partners Group seeks to generate superior returns through capitalizing on thematic growth trends and transforming attractive businesses and assets into market leaders. The firm is a committed, responsible investor and aims to create sustainable returns with lasting, positive impact for all its stakeholders. With over USD 131 billion in assets under management as of 30 June 2022, Partners Group provides an innovative range of bespoke client solutions to institutional investors, sovereign wealth funds, family offices and private individuals globally. The firm employs more than 1,600 diverse professionals across 20 offices worldwide and has regional headquarters in Baar-Zug, Switzerland; Denver, USA; and Singapore. It has been listed on the SIX Swiss Exchange since 2006 (symbol: PGHN).

Philosophy

Our global footprint is built on the deep experience and expertise of our local teams. We are among the most consistently top performing firms in private markets globally. We seek to deliver sustainable performance across economic cycles through focusing on three key pillars:

- *Transformational Investing:* We seek to generate strong returns by capitalizing on thematic growth trends and transforming attractive businesses into market leaders.
- *Bespoke Client Solutions:* We provide tailored access to private markets and seek to enhance returns through our portfolio management capabilities
- *Stakeholder Impact:* We realize potential in private markets and seek to create sustainable returns with lasting, positive impact for all of our stakeholders.

Contact for application

jobs.partnersgroup.com/

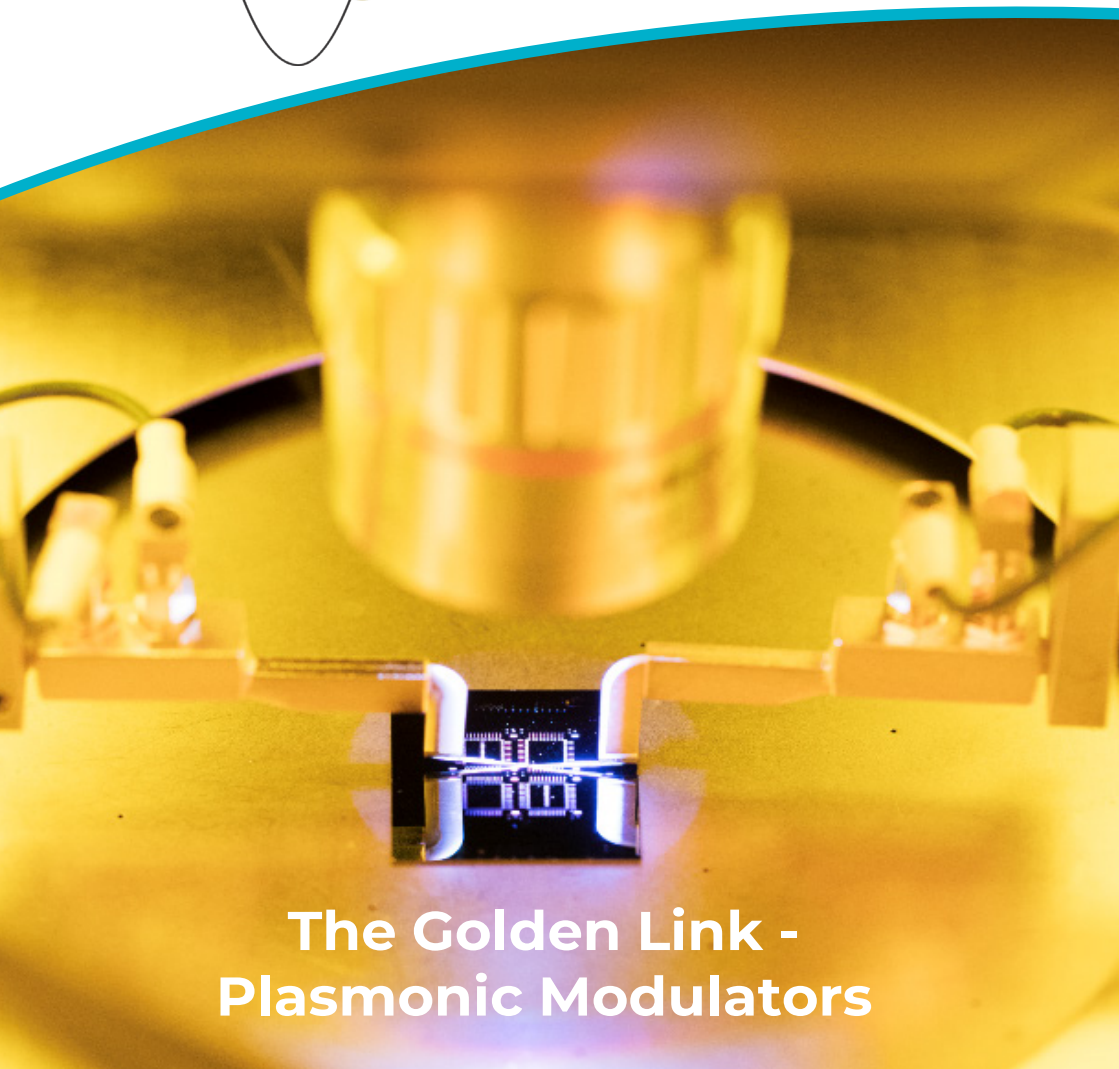
Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	●	●	●

POLARITON
TECHNOLOGIES



The Golden Link - Plasmonic Modulators

POLARITON TECHNOLOGIES

Company Description

Polariton designs and manufactures the world's fastest and smallest electro-optic modulators, thus creating a solution that overcomes the interconnect bottleneck. Our main competencies lie in plasmonics, nanotechnology and optical communications.

We are on a mission to revolutionize the future of telecommunications by accelerating information transport and reducing its power consumption.

Polariton provides the world's fastest, most compact, and energy efficient electro-optic devices with applications in telecommunications, datacenters, wireless communications (5G/6G), space, and sensing.

Founded in 2019, Polariton is a spin-off of ETH Zurich, taking pride in teamwork, clear and effective communication, and curiosity.

Philosophy

Teamwork and Collaboration: We live by this principle and offer our customers and teammates all our help and advice. This bridge is key to Polariton because we grow with our customers and to us their success is also ours, in a way we form a team that is bonded through the product we make. We understand the others' perspective and try to wear their shoes because empathy is important for us. That is why our communication is driven by the appreciation we have for all our colleagues and customers.

We communicate Clearly and Effectively: We make sure we are being understood and we try to minimize misunderstandings by practicing clarity, kindness, and real conversations.

Contact for application

polariton.ch/join

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	○	○	○
Physics	○	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	○	●	●	●



Be a part of our diverse community of solvers.

We believe that challenges are better solved together. That's why you'll join a diverse, global community of solvers – an unexpected mix of people that come together to build trust in society and solve important problems.

Be a part of The New Equation.

pwc

www.pwc.ch/careers

Company Description

Be a part of The New Equation.

PwC Switzerland is the leading audit and advisory company in Switzerland. As an independent member of the international PwC network, we help organisations and individuals to deliver solutions and sustained outcomes in the areas of assurance, advisory and tax services.

We believe that challenges are better solved together. That's why you'll join a diverse, global community of solvers – an unexpected mix of people that come together to build trust in society and solve important problems.

We invite you to be a part of The New Equation.

Contact for application

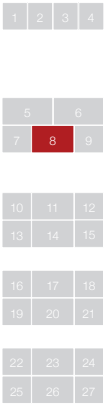
pwc.ch/careers

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

- ● Direct Employment
- ● Trainee Program
- ○ Internship ~12 Months
- ● Internship ~6 Months
- ○ Master Thesis



ZABRE

Quantum Sensing Solutions

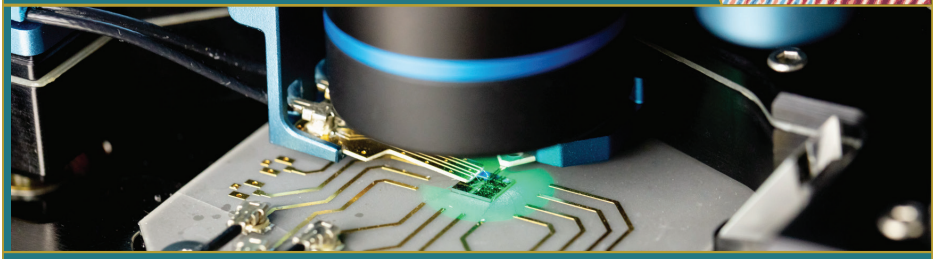
Help us create the next generation of **quantum sensing instruments!**

We are small team of dedicated scientist, creating a new type of quantum microscopy. Every member counts and even interns significantly contribute to the final products.

Based on diamond sensors, our high performance microscopes image magnetic fields, currents and more at the nanometer scale. From fundamental research, over materials for MRAM, to failure analysis, we provide data that was not accesible before.

We are looking for motivated quantum engineers with all backgrounds: computer science, electrical engineering, math or physics.

Talk to us about job openings, internships or Master thesis



Get in touch with us today!

www.QZabre.com
info@QZabre.com

Spinoff ETH zürich

ZABRE

Nanometer magnetic fields made visible.

Company Description

We are a Physics ETH Spin-off commercializing Nitrogen Vacancy (NV) center technology, founded in 2018. We use a single NV as an atomic size quantum sensor to detect magnetic fields, currents and much more at the nanometer scale. NV technology offers data that was not accessible before at this size and signal scale, not only for researchers, but also for semiconductor and other industrial applications. Our products include sensor tips made from diamond with a single NV at the Apex, as well as a full scanning NV system. QZabre is a full stack company, we not only do microfabrication of diamond, but also design and build our own hardware that, in combination with our powerful software suite, creates a high performance system that is both fast and easy to use.

Contact for application

Just send us your CV and a short motivational email to info@qzabre.com.

Degrees

	BSc	MSc	PhD
CSE	○	●	●
Mathematics	○	○	○
Physics	○	●	●

Opportunities

- ● Direct Employment
- ○ Trainee Program
- ● Internship ~12 Months
- ● Internship ~6 Months
- ○ Master Thesis

Philosophy

Our vision is to make NV technology as widespread and easy to use as Atomic Force Microscopy. We constantly improve all of the technological aspects to get the performance and work closely with our customers to make our systems easy to use.

Required qualifications

We are looking for people who love to get new technology working. If you are passionate about your work, don't give up at the first try and like to tackle complex problems, then we probably have a job for you. Join our small, growing company where you can have a direct impact making quantum based products.

SBB CFF FFS



Beweg als Young Talent bei der SBB die Schweiz mit uns.

sbb.ch/students
#bewegdieschweiz

Company Description

Unsere 33‘000 Mitarbeitende sorgen täglich dafür, dass 1,1 Millionen Reisende und 185‘000 Tonnen Güter sicher und pünktlich ans gewünschte Ziel kommen. Als Rückgrat des öffentlichen Verkehrs sind wir natürlich auch ein wichtiger Player bei der Entwicklung der Mobilität der Zukunft.

Philosophy

Du bist auf der Suche nach einem Job, bei dem du einen sinnvollen Beitrag leisten und Grosses bewegen kannst? Dann bist du bei der SBB genau richtig!

Ganz gleich, ob als Trainee, Career Starter oder Hochschulpraktikant:in, die SBB bietet dir vielseitige Einstiegsmöglichkeiten ins Berufsleben. Von der Fahrplanoptimierung, Belegungsprognosen, Building Information Modelling (BIM), Brems- oder Zugsicherungssysteme, Streckeninspektion mithilfe Computer Vision bis hin zu Extended Reality und Predictive Maintenance der Züge – die SBB setzt auf neuste Technologien, um die Zukunft der Schweizer Mobilität zu gestalten. Bei uns steht der Mensch im Mittelpunkt. Dank einer Vielzahl von Arbeitsmodellen, die eine hohe Flexibilität ermöglichen, schaffen wir es, unterschiedlichsten Bedürfnissen gerecht zu werden. Zudem wird bei der SBB die Vereinbarkeit grossgeschrieben. Wir bieten Arbeitspensen von 50 bis 100 Prozent an, weil wir eine individuelle Work-Life-Balance wichtig finden.

Hast du Lust, mit uns die Schweiz zu bewegen? Dann besuche unseren Messestand und entdecke, wie dein Einstieg als Young Talent bei der SBB aussehen könnte.

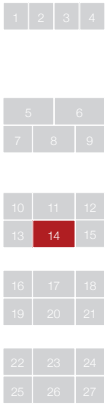
Contact for application

sbb.ch/students
students@sbb.ch

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Talk
11:15-12:00
HG



Opportunities

- Direct Employment
- Trainee Program
- Internship ~12 Months
- Internship ~6 Months
- Master Thesis



Make quantum leaps

Sensirion is fast, agile and unconventional. We cross boundaries, grant a lot of freedom and show genuine appreciation. As a market leader with around 800 employees, Sensirion offers stability and security while still acting with the startup spirit of its earliest days. Expand your horizons and increase your market value – throughout Switzerland and around the globe. Make a difference and create sustainable change for a smarter future.

Become part of the story – where market leadership meets startup spirit

www.sensirion.com/career

SENSIRION

SENSIRION

Company Description

Sensirion is an internationally active high-tech company with headquarters in Switzerland and subsidiaries in Asia, North America and Europe. For two decades, the ETH spin-off has been developing and producing world-leading sensors and sensor solutions for a wide range of applications in the medical technology, automotive and consumer goods sectors. As a market leader, Sensirion offers stability and security - and lives the start-up spirit of the early days. Today, around 1'000 employees do their utmost with expertise and passion to always be one step ahead. Their common goal is to bring about lasting change with sensor solutions that cannot be copied. For better quality of life, health, efficiency and safety - for a smarter future around the globe. Write a success story - in the largest start-up in Switzerland.

Philosophy

We are and will remain focused on growth. Sensirion nurtures its corporate culture using flat hierarchies, quick decision-making processes and numerous employee-organized social events. The Sensirion spirit is lived both inside and outside of the office and continues driving our success story forward every day.

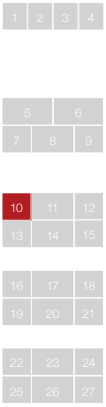
Contact for application

sensirion.com/career/work-at-sensirion/

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	○	○	○
Physics	●	●	●

Talk
10:15-11:00
HG F30



Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	●	○



QUANTITATIVE RESEARCH

CAREERS DESIGNED FOR ACCOMPLISHED PHD GRADUATES

Earning a doctorate degree requires a relentless pursuit of understanding and extraordinary attention to detail. The same is true for our PhD roles at SIG. For those who would like to apply their academic rigor and transform their research into concrete results, a career at SIG is a natural next step after graduation. In terms of what that career could specifically look like, we'll meet with you one-on-one to identify which of our programmes works best for you.

SIG offers a comprehensive internship programme specifically tailored for PhD students. As a quant intern, you will be assigned technical projects with real applications in proprietary trading. You will collaborate with full-time quants and receive mentorship on a daily basis. The quant internship programme includes lectures on mathematical finance and roundtable sessions to learn more about the industry.

FULL-TIME + SUMMER INTERNSHIP OPPORTUNITIES

QUANTITATIVE RESEARCHERS are dedicated to the data-driven innovation and improvement of our trading models at SIG. As a Quantitative Researcher, you will apply your problem solving skills and mathematical creativity to create solutions in today's competitive and constantly changing financial markets. You will be highly involved in the day-to-day discussions that shape our trading activities and transform quantitative methods into trading opportunities.

Apply at **sig.com/campus**

SIG SUSQUEHANNA

SIG SUSQUEHANNA

Company Description

SIG is a global quantitative trading firm founded with an entrepreneurial mind-set and a rigorous analytical approach to decision making.

We commit our own capital to trade financial products around the world. Building virtually all of our own trading technology from scratch, we are leaders and innovators in high performance, low latency trading. Our traders, quants, developers, and systems engineers work side-by-side to develop and implement our trading strategies. Each individual brings their unique expertise every day to help us make optimal decisions in the global financial markets.

SIG's Internship and Graduate Programme can be the start of a rewarding and challenging career in Quantitative Research. We open our applications in early September. SIG recruit on a rolling basis and strongly encourage early applications.

Contact for application

careers.sig.com/europe-recentgraduate-jobs

Philosophy

We care about:

- Entrepreneurial mindset: Our growth is driven by idea, iterative and bold, local and global. We are not constrained by traditional approaches and we thrive on creating innovative solutions to challenging problems.
- Good decision-making: We believe in a rigorous and analytical approach to decision making. Making good decisions is fundamental to success in the financial markets and in life. We provide training and support to help everyone become a better decision maker.
- Collaboration: Smart people working together will always come up with a better solution than the lone genius. We design our work environments to promote communication and to keep out unnecessary hierarchy and bureaucracy.
- Expertise: We value the expertise of the people we hire. We provide an environment where each individual can have measurable impact and the freedom to grow.
- Integrity: Our reputation means everything. A high level of integrity is one of our most important characteristics.

Degrees

	BSc	MSc	PhD
CSE	○	○	●
Mathematics	○	○	●
Physics	○	○	●





Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	○	○

Vontobel

Own your success— start your career with us



Vontobel Graduate Trainee Program

Join us. We are a globally operating financial expert with Swiss roots.

Apply by
May 1, 2023
vontobel.com/gtp

Vontobel

Company Description

We are a globally active investment firm with Swiss roots, specialized in wealth management, active asset management and investment solutions. Vontobel Holding AG shares are listed on the SIX Swiss Exchange and majority owned by the founding family. Their close ties to the company guarantee entrepreneurial independence, and the resulting freedom creates an obligation to assume social responsibility. At Vontobel, we actively shape the future. We create and pursue opportunities with determination. We master what we do – and we only do what we master. With our exclusive focus on the buy-side business, we think and act purely from the client's perspective – as an investor for investors, without conflicts of interest. We empower our employees to take ownership of their work and bring opportunities to life. We do so based on the conviction that successful investing begins with the assumption of personal responsibility. We continuously scrutinize our achievements as we strive to exceed the expectations of our clients.

Philosophy

Vontobel is big enough to matter in the market, but still focused enough to care for each of our ca. 2000 employees. At Vontobel, we cultivate an ownership mindset: We give our people room to maneuver and empower them in every position to take personal responsibility. Possessing this mindset means taking ownership of your business and achieving your full potential as a specialist and as a human being.

Contact for application

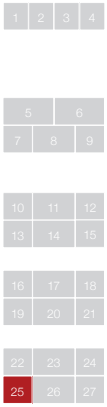
vontobel.com/en-ch/about-vontobel/careers/

Degrees

	BSc	MSc	PhD
CSE	●	●	●
Mathematics	●	●	●
Physics	●	●	●

Opportunities

Direct Employment	Trainee Program	Internship ~12 Months	Internship ~6 Months	Master Thesis
●	●	○	○	○



Thank you

On behalf of the whole MindPhair Team, we would like to express our sincerest gratitude for the partnership in making the side events a success. Without the support and collaboration, we would not have been able to bring our vision to life.

We would like to give a special thanks to **Prof. Yiwen Chu** (D-PHYS), **Prof. Ana Cannas da Silva** (D-MATH), **Katharina Kolatzki** (D-PHYS) and **Paula Truöl** (D-MATH) for their amazing inspirational talks and for making the PhD event such a resounding success!

accenture

talendo

d-one.ai

ETH zürich
CAREER
CENTER

EY
Building a better working world

Verein der Mathematik-, Physik- und Rechnergestützte Wissenschaften-Studierenden an der ETH Zürich

CAB E33
Universitätsstrasse 6
CH-8092 Zürich

+41 44 545 87 57
contact@mindphair.ch



Our Team

Back row: Tamara Tkáčová, Ana Pavlaković, Alessandra Iacopino, Pia Herkenrath
Middle row: Han-Miru Kim, Anna Theorin Johansson, Cécile Kunz
Front row: Nuo Chen, Peter Koopmann

About Us

[MindPhair] is a commission of VMP.

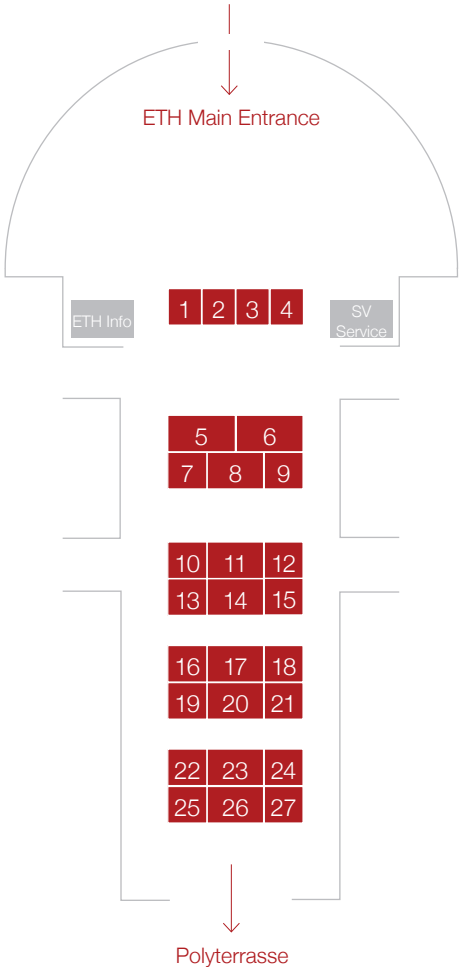
VMP is the student association for physics, maths and computational science and engineering students at ETH Zurich.

VMP is representing over 2000 students and is part of the student association VSETH.

vmp.ethz.ch

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die Mobiliar	16
Oepfelbaum	22
Optiver	5
Partners Group	15
Polariton	1
PwC	8
QZabre	4
SBB CFF FFS	14
Sensirion	10
SIG	7
Vontobel	25



1	Polariton
2	Hamilton Medical
3	ELCA
4	QZabre
5	Optiver
6	ESA
7	SIG
8	PwC
9	Confinale
10	Sensirion
11	D ONE
12	Flowtraders
13	KPMG
14	SBB CFF FFS
15	Partners Group
16	die Mobiliar
17	Julius Bär
18	Bain & Company
19	d-fine
20	IMC Trading
21	EY
22	Oepfelbaum
23	Axpo/CKW
24	M&F Engineering
25	Vontobel
26	Jane Street
27	Allianz Suisse

[MindPhair]

For more details, scan me!
...or see inside

Talks & Events

10:15	Sensirion
11:15	SBB
12:15	D ONE
13:15	KPMG
14:15	ESA
15:15	Optiver
16:15	SIG
12:15	ETH Career Center