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March 14th 2024, 10:00-17:00, ETH Main Hall

[MindPhair]

Job Fair for Mathematicians, Physicists and
Computational Scientists at ETH

$\left[\frac{v}{mp} \right] v\text{\o}eth$

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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 Firmenvertreterinnen und -vertretern sowie unseren Studierenden und Absolventinnen und Absolventen eine erfolgreiche MindPhair 2024 und inspirierende Gespräche!

Günther Dissertori

Rektor der ETH Zürich

President's Welcome

Dear students,

Do you also get asked all the time what exactly one can do with a physics or maths degree - apart from going the academic way? Maybe you already have a plan, then today's MindPhair can help you confront it with the reality of the companies and their expectations. Or - as myself - you are weighing different options, uncertain of what is possible or might suit you. In this case, MindPhair gives you the opportunity to get to know some of the options and gain insights about what the work in different branches can be like.

But whatever your plans are, whatever you're looking for in the fair - 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 the last few days, the companies hold various events in order to get to know them in a more diverse setting. Today we also have a range of talks scheduled to give insight into the latest trends and the industry. These talks cover a wide range of topics, 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 and are followed by a small apéro to allow a more engaged discussion with the speakers.

We are proud to welcome 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 your 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, I would also like to thank all the volunteers from the VMP and all ETH offices helping us, without whom we would not have been able to organise 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 or internship opportunities. Enjoy the fair and make the most of this rare chance to engage with industry experts!

Esther

And the entire MindPhair team

Start your career now!

Der Karriere-Ratgeber für Mittelschüler*innen & Studierende in der Schweiz

Hol dir dein Gratis-Exemplar an der [MindPhair]



→ Weitere Informationen: www.careerstarter.ch

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careerstarter.ch



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.



The AI revolution: Exploring the potential of GPT-Based AI language models in trading

With the rise of GPT-based AI models, market makers like Optiver are experiencing a shift in how we dissect real-time market data and news. These advanced tools enable us to make swift, informed decisions, effectively manage risks and adapt to market changes with un-precedented speed. Join our talk for a deeper insight into this revolution, demonstrating how AI language models have the potential to enhance decision making and reshape our trading strategies.

14.03.



10:15-11:00





High-Frequency Trading in Digital Assets: Hear first-hand career experiences from former ETH MSc's and PhD's

Are you passionate about problem solving, research, data, trading and technology? Get to know more about Mathrix, Digital Assets and High-Frequency Trading during this session. Hear personal stories from Mathrix team members who studied at ETH. How does a day look like, why do people like to work at Mathrix and what kind of impact can you have?

14.03.



11:15-12:00





Moderne Weichen und Daten bei Cargo: Digitalisierung SBB abseits vom Personenverkehr

Jérôme Egger, Career Starter Data Science:
SBB Cargo und Daten von RailNova

Was ist die erste und letzte Meile bei SBB Cargo und wie können uns die Daten von RailNova, eine der führenden Telematik Firmen in der Eisenbahnindustrie, helfen diese besser zu verstehen und gegebenenfalls zu verbessern. In diesem Talk spreche ich über ungenutztes Datenpotential bei SBB.

Joé Goelff, Career Starter Signalling:
SmartKey

Die Eisenbahn ist 175-jährig, vieles ist historisch gewachsen und hat durchaus seine Berechtigung, jedoch haben sich die Rahmenbedingungen massiv verändert. Mit dem SmartKey Projekt befördern wir den Umgang mit Bauweichen ins 21 Jahrhundert, indem wir Prozesse und Technik digitalisieren. Du denkst dir, häh was ist eine Bauweiche?! Dann bist du bei diesem Talk genau richtig.

14.03.



12:15-13:00



Job Search Strategies

Students and graduates looking for meaningful employment often feel it is time-consuming, frustrating and that it takes a good deal of commitment. Locating a position that matches their interests, needs, abilities, and goals may not be easy, and may even be seen utopic in some market conditions.

During this presentation, the audience will learn to optimize their entry onto the job market and learn how to make this ritual of passage a rewarding life experience.

Topics include:

- The career management cycle
- Reactive vs/ proactive search strategies
- Common job search misconceptions
- Ways to stay motivated while looking for a role

14.03.



13:00-14:00





D ONE

WE MAKE SENSE.

d-one.ai

Unlocking the Power of Geospatial Data: Innovative Applications in Customer Analytics and Beyond

Dr. Maria Kliesch, Consultant D ONE

Dr. Philipp Thomann, Managing Consultant D ONE

Curious about the untapped potential hidden within geographical data and how it can propel businesses into the forefront of innovation? Harnessing the power of geospatial data within the realm of customer analytics might just offer a transformative edge in this pursuit.

D ONE is pioneering advancements in this field, driving change through active partnerships with a variety of clients on projects involving geospatial data. One such project is at Raiffeisen Schweiz, which has recognized the value in geospatial data to deliver highly personalized banking services. Assisting them in creating a geospatial data universe using both internal and external data sources, we managed to generate a foundation for a plethora of use cases. This data allows the extraction of invaluable insights from customers where limited information is otherwise available, and predict relevant factors, such as the likelihood of clients having an existing mortgage outside of Raiffeisen. Moreover, geospatial data is shared back with the customers, highlighting Raiffeisen's expertise and credibility in real estate counseling.

In our presentation, we offer a snapshot into geospatial data science, along with its potential in a range of sectors, often overlooked, like customer analytics, retail site selection, and marketing campaigns. We will explore Raiffeisen's use of their geospatial database and how they leverage it to maximize value for both their customers and their operations. Join us as we delve into innovative geospatial data applications beyond tradition and gain insights into its industry implementation

14.03.



14:15-15:00



Tauche ein in die Welt der Kernenergie!

Michele Bellotti, Projektleiter swissnuclear

Seit über 50 Jahren sind in der Schweiz Kernkraftwerke in Betrieb und erzeugen derzeit einen Drittels des heimischen Stroms – zuverlässig, ressourcenschonend und emissionsarm. Die Schweizer Kernkraftwerke sind komplexe Hightech-Anlagen, die stetig modernisiert und auf dem Stand der Technik gehalten werden, damit sie auch in Zukunft ihren Beitrag zur Versorgungssicherheit des Landes leisten. Ihr Betrieb erfordert ein breites Spektrum an gut ausgebildeten Mitarbeitenden. Von der Anlagenoperateurin und dem Strahlenschutz-Sachverständigen bis hin zum Ressortleiter Risikomanagement und Leiter Kernbrennstoff: die Welt der Kernenergie bietet eine ungeahnte Breite an Berufs- und Entwicklungsmöglichkeiten. Interessiert? Dann besuche den Talk mit Michele Bellotti, der über seinen bisherigen Werdegang und seine spannenden Aufgaben sprechen wird.

14.03.



15:15-16:00





From quantitative trading to high dimensional statistics

*Prof. Adrien Hardy,
Quantitative Research Director at QRT*

There are 1001 styles of investing, and one that we like at QRT is statistical arbitrage on large spaces of assets. After an introduction to quantitative trading, we will see how high dimensional statistical problems arise naturally in this setting. We will focus on a few examples to give you a flavor of why QRT regularly hires talented scientists to attack these quite complex challenges. Whether you are considering applying to QRT or merely curious about what quantitative trading entails, we will be happy to answer your questions.

14.03. 16:15-17:00



About Flow Traders:

Flow Traders is a leading trading firm providing liquidity in multiple asset classes, covering all major exchanges. Founded in 2004, Flow Traders is global ETP market maker and has leveraged its expertise to expand into fixed income, commodities, digital assets and FX. Flow Traders' role in financial markets is to ensure the availability of liquidity and enabling investors to continue to buy or sell financial instruments under all market circumstances, thereby ensuring markets remain resilient and continue to function in an orderly manner. In addition to its trading activities, Flow Traders has established a strategic investment unit focused on fostering market innovation and aligned with our mission to bring greater transparency and efficiency to the financial ecosystem. With nearly two decades of experience, we have built a team of over 600 talented professionals, located globally, contributing to the firm's entrepreneurial culture and delivering the company's mission.

Marketing Material

Join us for an interactive In-House day with Flow Traders and gain valuable insight into the world of trading with a Trader and Recruiter. The In-House day will take place on 21.03. from 18:15 to 20:00. The Flow Traders' team will provide a mini-lecture on trading and share information about our core business, giving you a taste of what trading is all about. You'll also get to learn about our company culture, our cutting-edge technology, and how you can build a successful career as a trader.

What to expect:

- Introduction to Flow Traders
- Q&A with one of our traders
- Information about the recruitment process, benefits, and much more!
- Trading Floor tour
- Snacks and Drinks
- Fast-track to the recruitment process!

21.03.

18:15-20:00





**It's not
about
fulfilling
quotas.**

**It's about
everyone having
the same
opportunities.**



**Apply now:
You are change.**

accenture.ch/career

Company Description

Accenture is a leading global professional services company that helps the world's leading businesses, governments and other organizations build their digital core, optimize their operations, accelerate revenue growth and enhance citizen services—creating tangible value at speed and scale. We are a talent- and innovation-led company with approximately 733,000 people serving clients in more than 120 countries. Technology is at the core of change today, and we are one of the world's leaders in helping drive that change, with strong ecosystem relationships. We combine our strength in technology and leadership in cloud, data and AI with unmatched industry experience, functional expertise and global delivery capability. We are uniquely able to deliver tangible outcomes because of our broad range of services, solutions and assets across Strategy & Consulting, Technology, Operations, Industry X and Song.

Contact for application

www.accenture.com/ch-en/careers

Degrees

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

Opportunities

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

Philosophy

These capabilities, together with our culture of shared success and commitment to creating 360° value, enable us to help our clients reinvent and build trusted, lasting relationships. We measure our success by the 360° value we create for our clients, each other, our shareholders, partners and communities. Visit us at www.accenture.com.

At the heart of every great change is a great human. Every day our People of Change are doing incredible things by working together to pursue our shared purpose—to deliver on the promise of technology and human ingenuity. Come be part of our team—bring your ideas, ingenuity and determination to make a difference, and we'll solve some of the world's biggest challenges.

Across industries and around the globe, we work with exceptional people and leading companies—using advanced technologies, data and AI to create 360° value for our clients, people and communities. Join us and help our clients become the next and best versions of themselves.

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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

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BAIN & COMPANY 



Company Description

As a leading international management consultancy, we help the world's most ambitious change makers define the future. We work alongside our clients as one team with a shared ambition to achieve extraordinary results, outperform the competition, and redefine industries.

Joining Bain & Company is the starting signal for a special career. We are looking for students from all disciplines and applicants with initial professional experience who share our passion for entrepreneurial thinking and acting and tangible results. In return, we offer challenging assignments, responsibility at an early stage, an international environment, a unique corporate culture, excellent development opportunities – and lots of fun. Are you ready?

Contact for application
joinbain.ch/en

Degrees

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

Opportunities

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

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.

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Drive real world outcomes, starting from day one

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Company Description

Citadel is one of the world's leading alternative investment managers. We manage capital on behalf of many of the world's preeminent private, public and nonprofit institutions. We seek the highest and best use of investor capital in order to deliver market leading results and contribute to broader economic growth. For over 30 years, Citadel has cultivated a culture of learning and collaboration among some of the most talented and accomplished investment professionals, researchers and engineers in the world. Our colleagues are empowered to test their ideas and develop commercial solutions that accelerate their growth and drive real impact.

Philosophy

Citadel Securities is the next-generation capital markets firm and a leading global market maker. We provide institutional and retail investors with the liquidity they need to trade a broad array of equity and fixed income products in any market condition. The brightest minds in finance, science and technology use powerful, advanced analytics to solve the market's most critical challenges, turning big ideas into real-world outcomes.

We offer Internships and Graduate Roles in Quantitative Research, Quantitative Trading, and Software Engineering. Opportunities are available across London, Paris and Zurich.

Contact for application

www.citadel.com/careers/open-opportunities/

www.citadelsecurities.com/careers/open-opportunities/

Degrees

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

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CONFINALE

Part of HCLTech

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Confinale is one of the leading Avaloq service providers for tax, compliance, wealth advisory, regulatory reporting and the credit business with over 120 employees in Switzerland, Germany and the UK. For our IT Consulting division in Zug/Zurich we are looking for an

IT Consultant / Business Analyst (all genders)

80 - 100 %, immediately or according to agreement

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WHAT YOU CAN MOVE WITH US

- _ You implement the Avaloq Banking System in selected specialist areas for our clients
- _ You develop innovative front-end solutions for banks
- _ According to the needs of our customers, you will take over the design and parameterisation of various business cases
- _ Business or technical specifications are developed by you according to the client's needs
- _ You support the user training at the client's site

WITH THIS YOU SUCCEED

- _ You have a Master's or PhD degree in physics, computer science, mathematics, industrial engineering or in a comparable field
- _ Your interest in IT and strong analytical skills distinguishes you
- _ In the area of relational databases, such as Oracle, you have practical knowledge
- _ Programming experience such as PL/SQL is an advantage
- _ German and English at a very good level
- _ You are a team player with high flexibility and resilience, have excellent communication skills and you are result-oriented and proactive

WHAT WE OFFER

- _ With us, you have the opportunity to enter the versatile and future oriented world of IT consulting
- _ With an intensive introductory training, we prepare you for your new challenges and offer you an organic, clearly defined and feasible career path
- _ Team spirit is at the heart of everything we do: You will work with like-minded people in an innovative and collaborative environment
- _ You have home office options for an optimal work-life balance
- _ You can expect an attractive and performance-oriented salary
- _ Summer and winter events, spontaneous barbecue evenings or get-togethers after work - we live team spirit outside of work as well

DID WE SPARK YOUR INTEREST?

We're looking forward to your complete application to
career@confinale.ch

Maria Wildi, Head of Human Resources,
www.confinale.ch

Your talent is our strength

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.

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

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

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WE HIRE SMARTIES.



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.



d-one.ai

Company Description

„Making sense of data is the winning competence in all industries.“

D ONE is the leading Swiss company for data, machine learning and artificial intelligence with national and international customers and a team of experts for data driven value creation.

D ONE designs and implements projects which create value from data, acts as a guide on the journey to a data driven enterprise, and helps companies to shape processes, organizational structure, and company culture, leveraging the hands-on know-how along the entire value chain.

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	●	●	●

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25	26	27

Opportunities

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

analytisch.
technologisch.
quantitativ.

NEU

Consulting auch mit
bedingter Reise-
tätigkeit mit unserem
Arbeitsmodell
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- » Verschiedene Arbeitsmodelle 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.

Company Description

d-fine ist ein kontinuierlich wachsendes europäisches Beratungsunternehmen mit über 1.500 Expertinnen und Experten. Wir sind mit elf Standorten in sieben Ländern nah bei unseren Kunden. Im Fokus unserer Arbeit liegen quantitative Fragestellungen rund um Data Analytics, Data Science, Modellierung und den Aufbau nachhaltiger technologischer Lösungen. Unser Ansatz basiert auf langjähriger Praxiserfahrung und dynamischen Teams mit klarer analytischer und technologischer Prägung.

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.ch@d-fine.com

Degrees

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

Opportunities

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

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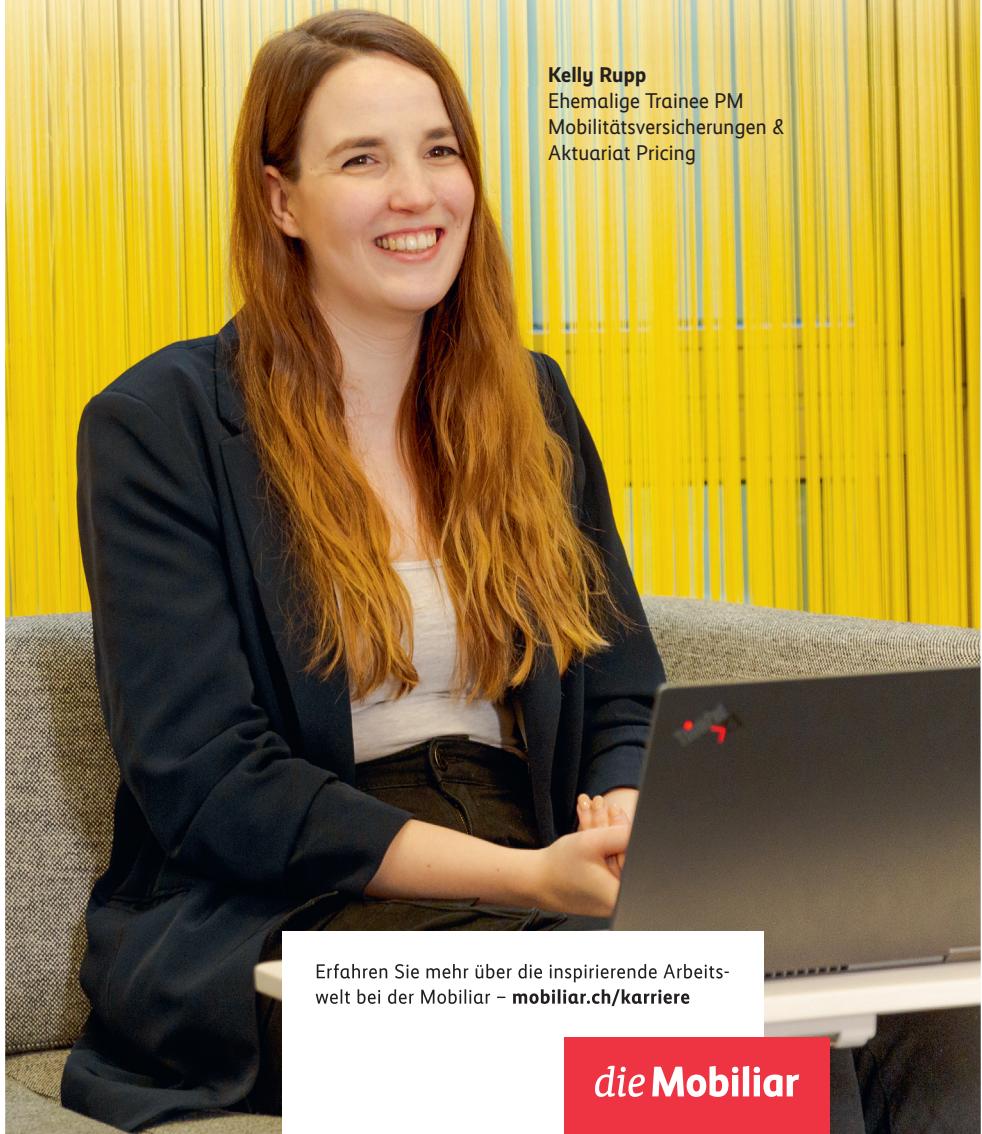
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«Wie ich beim Modellieren gleichzeitig eine Programmiersprache erlernte.»

Kelly Rupp
Ehemalige Trainee PM
Mobilitätsversicherungen &
Aktuarat Pricing



Erfahren Sie mehr über die inspirierende Arbeitswelt bei der Mobiliar – mobilier.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 Unternehmen 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

mobilier.ch/jobs

berufseinstieg@mobilier.ch

Degrees

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

Opportunities

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

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Make Your Mark Here.

We are a diversified trading firm innovating across both traditional and cutting-edge markets. We deploy sophisticated technologies to make markets more efficient, transparent and fair. This is possible because we have some of the sharpest engineers, technologists, traders and professionals in the world. Our commitment to our people is to give them the tools, training and flexibility they need to be successful.

**Learn about our summer internship and full-time opportunities:
drw.com/work-at-drw**



Company Description

DRW is a diversified trading firm with over 3 decades of experience bringing sophisticated technology and exceptional people together to operate in markets around the world. We value autonomy and the ability to quickly pivot to capture opportunities, so we operate using our own capital and trading at our own risk.

Headquartered in Chicago with offices throughout the U.S., Canada, Europe, and Asia, we trade a variety of asset classes including Fixed Income, ETFs, Equities, FX, Commodities and Energy across all major global markets. We have also leveraged our expertise and technology to expand into three non-traditional strategies: real estate, venture capital and cryptoassets.

Contact for application

drw.com/work-at-drw/listings

Degrees

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

Opportunities

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

Philosophy

We operate with respect, curiosity and open minds. The people who thrive here share our belief that it's not just what we do that matters how we do it. DRW is a place of high expectations, integrity, innovation and a willingness to challenge consensus.

Required qualifications

The people who thrive here know the difference. They seek to be challenged with sophisticated projects, embrace new opportunities and consistently choose to do the right thing.

At our core, we are curious problem solvers with quantitative mindsets who are engaged in complex, high-stakes work that interacts directly with markets around the world.

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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.

Company Description

ELCA ist mit mehr als 2200 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.

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

Required qualifications

- Abgeschlossenes technisches Studium (ETH, Uni, FH)
- Direkt ab Studium oder Young Professionals
- Fließend in Deutsch und Englisch

Contact for application

careers.elca.ch/students-graduates

Degrees

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

Opportunities

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

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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 longterm 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	●	●	●

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Opportunities

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



«Ich weiss,
wo ich hin will.
Du?»



Wir suchen zielstrebige Kolleginnen
und Kollegen mit neuen Ideen. Bewirb dich.

Barbara Liebl,
HR Business Partner.

jobs.hamilton.ch

Company Description

We are an innovative pioneer in the fields of ventilators, automated pipetting and sample management, as well as in the development of process sensors.

We are continuously driving forward the development of new solutions. Hospitals, laboratories and other institutions across the globe rely on us, and our products and services – both now and in the future.

Innovation and consistency. Our company history has always been closely linked with these two attributes. The Hamilton companies remain in family ownership to the present day. A strategic vision and an appreciation for innovation are our keys for past and future success.

Contact for application

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

Degrees

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

Opportunities

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

Philosophy

We drive innovation to improve people.

We place great emphasis on innovation to ensure that our cutting-edge technologies can continue to contribute to significant advances in the healthcare industry. We are driven by a desire to improve the health situation of people across the world.

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LEARN MORE GROW FASTER

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.

GO BEYOND THE OBVIOUS

imc.com/careers



Company Description

No silos. No hierarchies. Just great ideas. As a leading global market maker, IMC uses algorithmic trading and advanced technology to buy and sell securities on multiple trading venues worldwide.

Across Europe, the US, and Asia-Pacific, our technologists and traders collaborate to explore, design, and develop the software, hardware, advanced networks, and algorithms that drive our trading strategies and provide essential liquidity to financial markets.

Philosophy

Our enduring success is testament to the strength of our values. We fuse creative freedom, open feedback, and quick iteration to empower some of the world's most talented people. We recognize the best ideas today – and collaborate across teams, borders, and time zones to make them even better tomorrow. And while we work hard, we have lots of fun doing it.

It is a unique culture that sets us apart. As we like to say, there is only one IMC.

Required qualifications

We're looking for the brightest minds in:

- Engineering
- Computer Science
- Maths
- Statistics
- Physics
- Economics
- Finance

Contact for application

careers.imc.com

Degrees

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

Opportunities

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

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Rethinking energy trading.



Together, we're pioneering
algorithmic trading
and renewables asset
management.

InCommodities[∞]

Company Description

At InCommodities, we buy and sell power, natural gas, and output from renewables across the globe. Our transactions balance the energy markets, ensuring the security of supply, the lowest possible prices for consumers, and reliable, steady energy. Founded in 2017 in Aarhus, Denmark, we are one of the worlds fastest-growing energy trading companies, employing +200 people from more than 20 countries.

But how did we get there? We decided to do things differently. We challenged old structures. We questioned management processes. We created a supportive culture to be proud of. We nurtured a common aspiration to rethink how data and technology are used. And we keep on doing so. Today, we see ourselves as a scalable tech company pioneering algorithmic energy trading and renewables management. That is what we call EnergyTech. Software

development, automation, artificial intelligence, and machine learning are not just buzzwords to us. They are cornerstones of our business model.

But most importantly, everything we achieve rests on our team. Making InCommodities outstanding requires many different professions and personalities. And that could be you!

Philosophy

Honesty, Transparency, and Rethink are the values uniting InCommodities. We see honesty as the key element to growth, and we use this feedback, sparing, and direct communication to excel on every level. We see transparency as the key element to trust. We encourage and invite the entire team to join us at the table because we become empowered only when the doors are opened to all. Finally, we see Rethink as the key element of our strength. Our ability to be a flat and agile organization that welcomes change makes us resilient.

Contact for application
incommodities.com/join-us

Degrees

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

Opportunities

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

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We're looking for the next wave of curious and passionate individuals to join our Jane Street Internship Programme.

Over the course of a Jane Street Internship, you'll explore ways to approach and solve problems through challenging classes and interactive discussions, with endless opportunities to put those learnings to use. We offer opportunities in a variety of disciplines — quantitative trading, software engineering, quantitative research, business development and more — which put you directly in the action, giving you the opportunity to collaborate and connect with Jane Streeters across teams and offices.

No background in finance is required to apply. If you have an inquisitive mind and a collaborative spirit, we have a feeling you'll fit right in.

Take a look at our open internship opportunities.



Jane Street is a global trading firm with offices in New York, London, Hong Kong, Singapore and Amsterdam. Our approach is rooted in technology and rigorous quantitative analysis, but our success is driven by our people.





Company Description

Jane Street is a quantitative trading firm with offices worldwide. 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.

Required qualifications

We don't expect you to have a background in finance or any other specific field - we're looking for smart people who enjoy solving interesting problems. We're more interested in how you think and learn than what you currently know.

Contact for application

www.janestreet.com/join-jane-street/open-roles

Degrees

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

Opportunities

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

Philosophy

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.

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We let the future guide us. Dare to join our next generation.

Find opportunity everywhere with KPMG.



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. A place where out-of-the-box thinking is not only encouraged but expected.

With 300 different **auditing** and **advisory service** opportunities, young entrepreneurs can choose the career path that suits them best. Through our competencies in **digital transformation** as well as **ESG consulting**, we support our clients in today's biggest challenges. Whether you choose a (summer) internship, graduate program, permanent position or work as a working student, 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.

Build relationships with colleagues who take care of each other. You will have the KPMG community at your side, providing the support you need to be at your best and create opportunities for yourself and others.

Contact for application
kpmg.ch/careers

Degrees

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

Opportunities

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

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Mit einer Auswahl von über
20 Technologie-Firmen.

SCHWEIZWEIT EINZIGARTIGES TRAINEE-PROGRAMM



www.m-f.ch/tp

Company Description

M&F steht für Software Engineering, das neue Wege eröffnet. Mit Neugier und Tatkräft ermöglichen wir Unternehmen, bessere Produkte zu entwickeln, Prozesse zu optimieren und neue Märkte zu erschliessen. So schaffen wir Softwarelösungen, die täglich begeistern und langfristig wirken.

Zudem bieten wir gemeinsam mit über 20 Partnerfirmen ein schweizweit einzigartiges Trainee-Programm, in welchem man sich zum gesuchten Software-Engineer mit breiter Erfahrung entwickeln kann. Dabei rotiert man alle 6-12 Monate im Netzwerk und lernt so verschiedene Unternehmen, Arbeitsweisen und Technologien kennen. Parallel dazu hat man monatliche Workshops und ein professionelles Mentoring. Unsere Partnerfirmen im Trainee-Programm sind unter anderem: EBP, Siemens, Dectris, Hamilton Medical, Franke, Hitachi, Sofel, Hapa, Sensirion und viele mehr.

Contact for application

jobs@m-f.ch

Degrees

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

Opportunities

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

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High-frequency trading in digital assets



Company Description

Mathrix is a leading crypto native high-frequency trading firm with fully automated operations, providing deep liquidity to the digital asset markets and ranking at the top of CEX and DEX. With offices in Switzerland, the Netherlands and Singapore, we are a fast growing and ambitious organisation that currently employs about 50 highly skilled people. Our people focus on building the systems, the trading strategies, writing algorithms and creating systems that can handle complex data and processes.

Philosophy

To keep our leading position in a fast-paced space we rely on our bright and creative minds. Our flat organisation structure and cutting-edge technology enable us to execute new opportunities and ideas fast, while instant feedback from the markets allows us to constantly improve and push boundaries. Initiative and creativity are highly valued, and our highest priority is to facilitate each individual to shape their own future, and with that the future of Mathrix.

Required qualifications

- You have a Master's degree or PhD in Physics, Mathematics, Computational Science, Quantitative Finance, Econometrics, or equivalent;
- Passionate and knowledgeable about mathematical modeling;
- Experience with programming (Python or another language);
- Interested in and curious about trading and digital assets;
- You take ownership of your projects and can work independently.

Contact for application
mathrix.recruitee.com

Degrees

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

Opportunities

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

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BANKING. TECH. SCHWIZ

KEVIN DONINELLI →

Software Engineer

Hobby-Cruiser

Oepfelbäumler

Den Fahrtwind vom
Studium mitnehmen
und **durchstarten**.



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!

Degrees

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

Opportunities

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

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

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PREDICT TO WIN

1 - 100

Guess the least
selected integer



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/

Degrees

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

Opportunities

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

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 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.

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a TransMarket Group company

Oryctérope Transalpin Sàrl

GLOBAL PROPRIETARY TRADING SERVICES

www.ortr.ch





Company Description

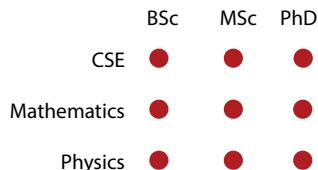
Working at the intersection of finance, mathematics and technology, Oryctéope creates, develops and improves proprietary trading strategies for group companies, to capture opportunities and manage risk in the most competitive financial markets around the world. We strongly believe that superior results can be achieved by working as a team rather than individually, and we constantly strive to prove our point.

As the European servicing hub of the internationally renowned TransMarket Group, we don't just believe that building exceptional teams will lead to success: TMG has a 40+ year track record of doing so. Our collaborative, entrepreneurial environment gives each talent day 1 responsibilities, supporting continuous growth through practical experience and structured training programs.

Contact for application

ortr.ch/careers

Degrees



Opportunities

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

Philosophy

We develop our edge through expertise, quantitative research, algorithms, and infrastructure to produce systematic trading solutions which beat the market and contribute significant liquidity across global markets, facilitating price discovery and risk transfer.

Superior returns through collaboration and continuous development: in the face of market immediacy, we build long-term world-class teams, combining cutting-edge strategies with fundamental expertise, lived out in a meritocratic risk-taking culture where opportunities are seized and people come first.

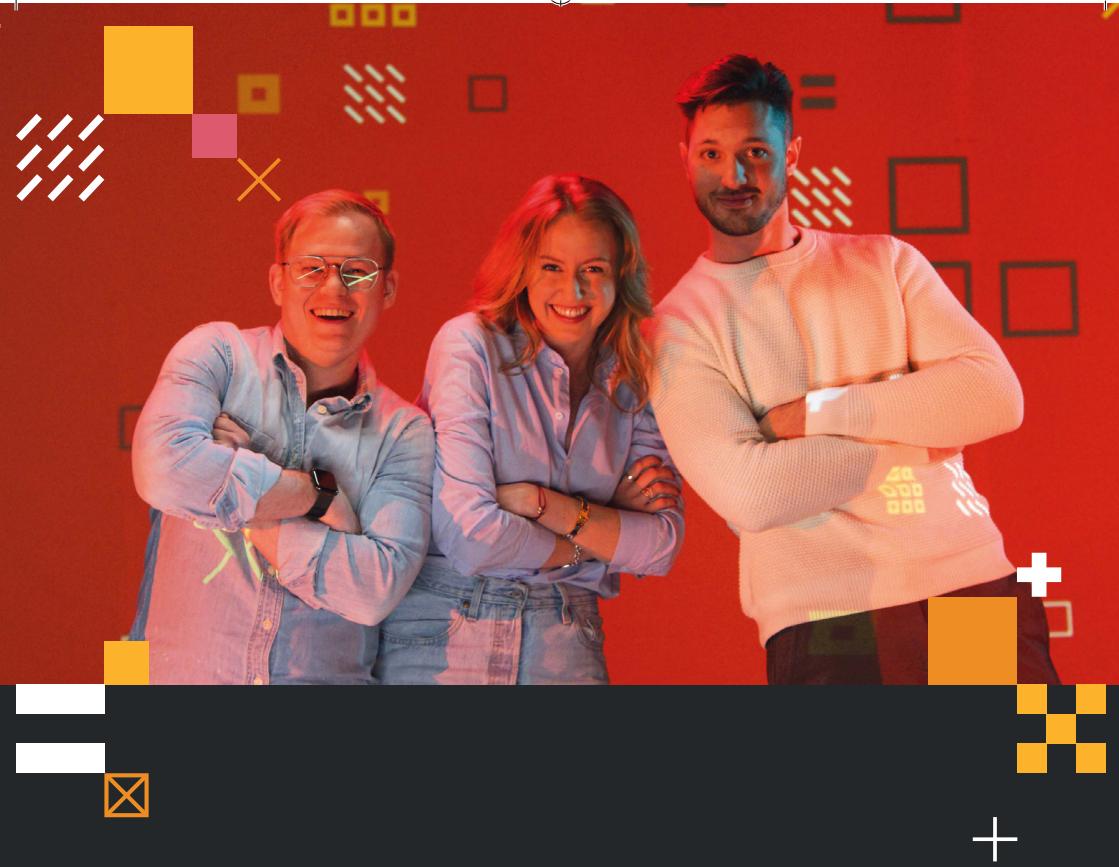
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Be a part of our diverse community of solvers.

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.

www.pwc.ch/careers





pwc

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	●	●	●

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Opportunities

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

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19	20	21

22	23	24
25	26	27

Insurance

Consulting

Data

Finance

IT

Technology

Research



WHO WE ARE

Qube Research & Technologies is a quantitative and systematic investment manager, operating in all liquid asset classes across the world.

We are a technology and data driven group implementing a scientific approach to investing.

Combining data, research, technology and trading expertise has shaped QRT's collaborative mindset which enables us to solve the most complex challenges.

OUR INTERNSHIPS

RESEARCH

We believe collective work and idea sharing leads to contagious creativity and are at the source of the globe's most successful strategies.

Our research teams blend multiple areas of expertise and are comprised of engineers, computer experts, physicists, mathematicians, data scientists and fundamental analysts.

Our collaborative environment aims to provide a fertile ground for experimental research, fostering disruption and exploring new territories..

TECHNOLOGY

Our tech platform is essential to what we do. Automation and industrialized processes are at the centre of our tech culture.

We operate in multiple languages from C++ to Python and embrace open-source software.

We encourage exploration of emerging and disruptive technologies to drive new opportunities.

APPLY HERE





Company Description

Qube Research and Technologies is a quantitative and systematic investment manager, operating in all liquid asset classes across the world. We are a technology and data driven group implementing a scientific approach to investing.

Combining data, research, technology and trading expertise has shaped QRT's collaborative mindset which enables us to solve the most complex challenges.

QRT's culture of innovation continuously drives our ambition to deliver high quality returns for our investors. With offices in London, Paris, Zurich, Hong-Kong, Singapore, Shanghai, Dubai, and Mumbai, QRT's market presence is global and expands across the largest liquid electronic venues.

Contact for application
www.qube-rt.com/careers/

Degrees

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

Opportunities

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

Philosophy

Data is at the source of everything we do. Our data platform provides capacity to onboard and analyze structured and unstructured data from tick to tick to multi-year horizons. We have a constant appetite for any data which may contribute to improve our prediction models and generate alpha. Evaluating new data sources, dealing with emerging data technology and processing immense datasets is continuously driving QRT's innovation dynamic.

Research: We believe collective work and idea sharing leads to contagious creativity and are at the source of the globe's most successful strategies. Our research teams blend multiple areas of expertise and are comprised of engineers, computer experts, physicists, mathematicians, data scientists and fundamental analysts. Our collaborative environment aims to provide a fertile ground for experimental research, fostering disruption and exploring new territories.

Technology: Our tech platform is essential to what we do. Automation and industrialized processes are at the centre of our tech culture. We operate in multiple languages from C++ to Python and embrace open-source software. We encourage exploration of emerging and disruptive technologies to drive new opportunities.

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

sbb.ch/students
#bewegdieschweiz





Company Description

Die SBB zählt mit 33 000 Mitarbeiter:innen zu einer der grössten Arbeitgeberinnen der Schweiz. Innerhalb vielfältiger Berufswelten sorgen wir täglich dafür, dass über 1,16 Millionen Reisende und 180 000 Tonnen Güter sicher und pünktlich ans gewünschte Ziel kommen. Als Rückgrat des Öffentlichen Verkehrs sind wir ein wichtiger Player bei der Entwicklung der zukünftigen Mobilität.

Philosophy

Starte bei uns durch als Trainee, Career Starter oder Hochschulpraktikant:in und leiste auch du einen sinnvollen Beitrag zur Modernisierung des öffentlichen Verkehrs. Mittels neuster Technologien, gestaltet die SBB die Zukunft der Schweizer Mobilität: Von der Fahrplanoptimierung, Belegungsprognosen, Streckeninspektion mithilfe Computer Vision, Brems- und Zugsicherungssysteme bis hin zu Extended Reality und Predictive Maintenance der Züge. Bei uns kannst du deine Karriere in eine Richtung lenken, die zu deinen Interessen und Ambitionen passt. Und weil wir alle unterschiedlich ticken, schreiben wir Vereinbarkeit bei der SBB gross. Dank einer Vielzahl von Arbeitsmodellen und Rahmenbedingungen können wir deinen Bedürfnissen gerecht werden. Mit Arbeitspensa zwischen 50 bis 100 Prozent kannst du deine individuelle Balance zwischen Berufs- und Privatleben finden.

Contact for application

sbb.ch/students

Degrees

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

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Opportunities

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



Redefine the spectrum

Sensirion is fast, agile and unconventional. We cross boundaries, grant a lot of freedom and show genuine appreciation. As a market leader with more than 1000 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

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 800 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.

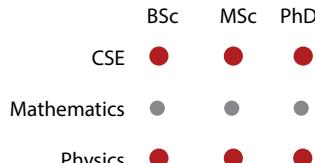
Philosophy

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



Opportunities

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

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GRADUATE AND SUMMER INTERNSHIP OPPORTUNITIES

We are looking for students studying a quantitative discipline to join our Quant internship and graduate programmes. All programmes include structured education covering a range of areas from mock trading, strategic games, data analysis, and financial theory, delivered by SIG's dedicated Education team.

QUANTITATIVE TRADERS use game theory and decision science to assess risk and make winning trades. Quantitative modelling skills, market knowledge, and expertise in risk management enable our traders to drive efficiencies in the global financial markets.

QUANTITATIVE SYSTEMATIC TRADERS combine the skills of quantitative research with the knowledge of trading to develop new electronic strategies and monitor real-time performance. As a true hybrid of our core disciplines, Quantitative Systematic Traders are constantly communicating and connecting ideas between trading, technology, and quantitative research. By participating in our education program, you will be equipped to dive deep into data sets and solve intricate problems.

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

Company Description

SIG is a global quantitative trading firm founded by a group of friends who share a passion for game theory and probabilistic thinking. We have incorporated this approach into our culture, where you will find relentless problem solvers within each of our core disciplines: Trading, Technology, and Quantitative Research. From offices around the world, our employees collaborate to make optimal decisions and are driven by the desire to achieve winning results together.

We are experts in trading essentially all listed financial products and asset classes, with a focus on derivatives trading. Through market making and market taking, we handle millions of trading transactions around the world every day, providing liquidity and ensuring competitive prices for buyers and sellers. While our presence in the market is broad, our trading desks are highly specialized, allowing for a deep understanding of unique drivers of each asset class.

Contact for application
careers.sig.com/

Degrees

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

Opportunities

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

Philosophy

- 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.

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WEBAPPLIKATIONEN ON RAILS



powered by Sitrox

WIR BIETEN

Junges und kompetentes Team, hochinteressante Projekte.

Einsatz modernster Technologien in professionellem Umfeld.

Attraktive Atmosphäre, keine Bürokratie, sichere Arbeitsplätze, viel Eigenverantwortung und -kompetenz.

TECHNOLOGIEN

- » Ruby on Rails
- » Angular, Bootstrap
- » MySQL
- » Oracle
- » Linux / Unix
- » Netzwerkdienste- und Protokolle

TÄTIGKEITEN

Entwicklung und Betrieb von web-basierten Software-Services (Individualentwicklungen und Produkte) zur Optimierung von Geschäftsprozessen und damit verbundener Datenverwaltung.

Beratung im Bereich Aufbau und Betrieb von Unix/Linux-Infrastrukturen (Netzwerk, Server, Storage, ...) und komplexen Internetplattformen.

KONTAKT

Sitrox
Badenerstrasse 530
8048 Zurich
Switzerland

+41 44 312 35 85
jobs@sitrox.com

JOBANGEBOTE

- » Software Engineer
- » System Administrator
- » Projektleiter

GESUCHTE FACHRICHTUNGEN

- » Informatik
- » Informationstechnologie

ZUSATZQUALIFIKATIONEN

- » Analytische Denkweise
- » Strukturiertes Vorgehen
- » Effizientes Arbeiten
- » Herstellen von Erzeugnissen hoher Qualität
- » Kundenorientiertes Denken
- » Korrektes Auftreten
- » Motivation, sich in neue Projekte und Technologien einzuarbeiten

Company Description

Wir entwickeln und betreiben web-basierte Software-Services (Individualentwicklungen und Produkte) zur Optimierung von Geschäftsprozessen und der damit verbundenen Datenverwaltung. Unser Fokus liegt dabei auf der Prozessdigitalisierung mit dem Ziel bestehende Arbeitsabläufe zu erleichtern, Fehlerquellen zu erkennen und zu vermeiden und die Effizienz der Prozesse zu steigern. Während wir unseren Kunden aus den unterschiedlichsten Branchen zu Beginn oft beratend zur Seite stehen, betreiben und betreuen wir die Applikationen nach der in-house Entwicklung fortlaufend.

Required qualifications

Als Software-Entwickler bei Sitrox bist du für den ganzen Stack und Life Cycle deiner Applikationen zuständig. Du arbeitest in einem jungen, kompetenten Team an hochinteressanten Projekten unter Einsatz modernster Technologien. Wir bieten dir einen sicheren Arbeitsplatz mit attraktiver Atmosphäre, viel Eigenverantwortung, hoher Eigenkompetenz. Wir pflegen eine strikte Zero-Bullshit-Policy, d.h. unsere Firmenkultur ist geprägt von einfachen und standardisierten Prozessen ohne Bürokratie.

Contact for application

www.sitrox.com/jobs

Degrees

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

Opportunities

- Direct Employment
- Trainee Program
- Internship ~12 Months
- Internship ~6 Months
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Thanks

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

We would like to give special thanks to Prof. Ataç İmamoğlu (D-PHYS) and Prof. Emmanuel Kowalski (D-MATH) for their amazing inspirational talks at the PhD event and for making it such a resounding success!

Special thanks to our Main sponsors

Optiver 



Photo by

Further information

ETHzürich

**CAREER
CENTER**







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

CAB E33
Universitätsstrasse 6
CH-8092 Zürich

contact@mindphair.ch



Our Team

group foto:

Back row: Nikolaj Sokolov, Mio Neidhart, Kaito Fuss, Marcel Suvajac

Front row: Caspar Gutsche, Esther Petat, Eva Lia Tarquini

Single picture on the right: Lara Turgut, Samuel Gebhardt

And our wonderful Tassia Flath

About Us

[MindPhair] is a commission of VMP.

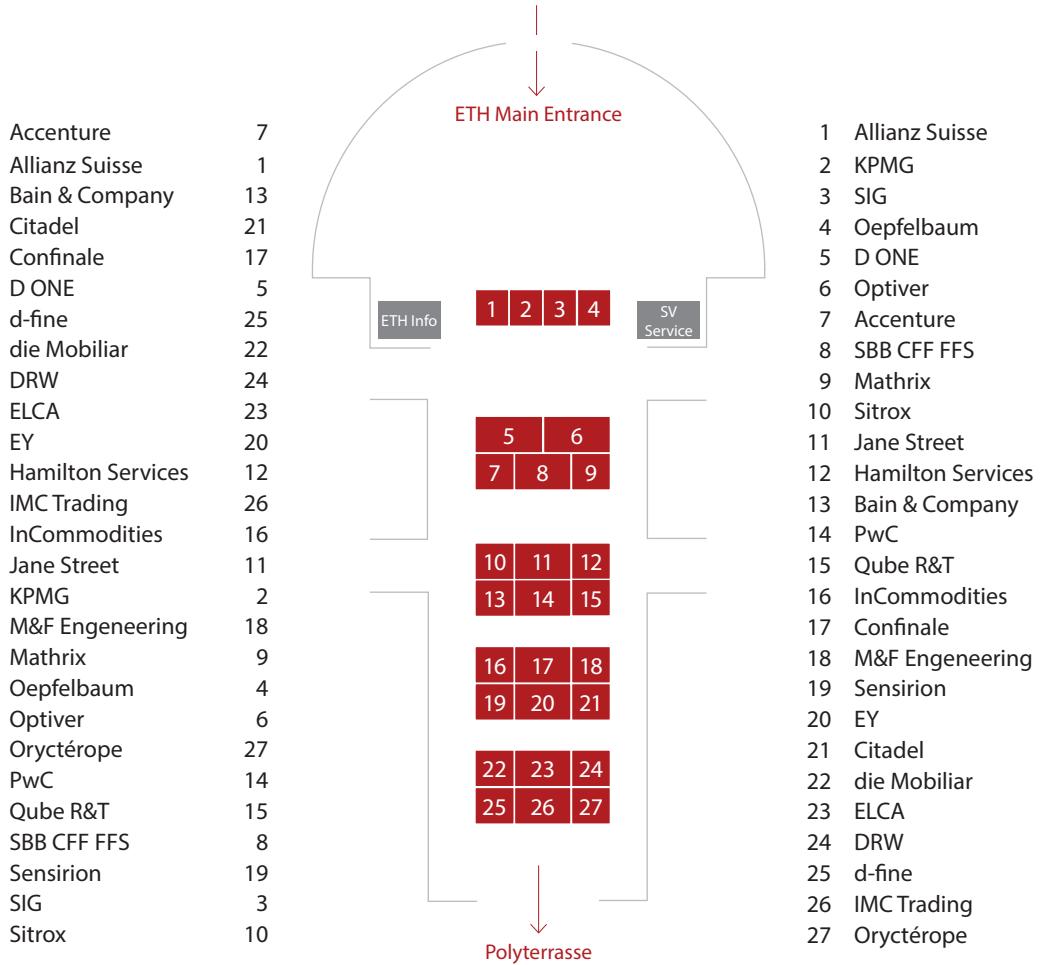
VMP is the student association for physics, maths and computational science and engineering students at ETH Zurich.

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

vmp.ethz.ch



The Participant's Guide to MindPhair 2024



For more details, scan me!

...or see inside