

# **ETH** ENTREPRENEUR CLUB



## STARTUP SPEED DATING

<https://entrepreneur-club.org/events/dating/>

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# Preface

Welcome to the Startup Speed Dating!

Welcome to this unique opportunity for startups, students and innovation enthusiasts to connect: to match inspiring ideas with outstanding candidates, strong partners, and motivated team members.

Today, we ask the startups among us: what's the purpose of your business? How do you motivate young academics to start at your company? What's your greatest challenge?

We ask you, students: why are you enthusiastic about entrepreneurship? How will you make a difference? Where is your future co-founder? She or he might be among us today!

We invite you all to seize today's opportunity to meet other young talents, talk to our sponsors and business angels, connect with innovative companies, challenge conventional ideas and make an impact on this world!

Your ETH Entrepreneur Club

# ETH ENTREPRENEUR CLUB

The Entrepreneur Club is a student initiative at ETH Zurich striving to bring entrepreneurial-minded people together and to foster entrepreneurship amongst students. Through startup events and our community, we provide a platform to develop ideas, build teams and exchange experiences. Our mission is to bring together students with diverse backgrounds who share the same passion for entrepreneurship. If you are ready to change the world and make an impact, you have come to the right place!

Do you share our passion for entrepreneurship?  
Then join the Entrepreneur Club!

Website: <https://entrepreneur-club.org/events/dating/>  
Facebook: [eth.ec/facebook](https://www.facebook.com/eth.ec/)



# The Event

The event is taking place on the platform Careerfairly, a website where startups can hold a livestream in front of a large number of students. 20 startups have been invited to the event and will each receive a 30-minute livestream slot. Overall there are 5 timeslots and 4 startups streaming in parallel in each slot. Students have the possibility to interact with the startups by asking questions in the chat or by turning on their own webcam and microphone. If a student is interested in joining a startup or meeting with them privately, the student can join the startups "talent pool" where they can leave contact information about themselves. The startup will then have the possibility to contact the student and set up a 1 on 1 meeting with the student at a later date.

17:00	Archlet, Hoursec,	17:00	Scewo, Vatorex
17:30	fragnach.ch, No Touch Robotics	17:30	VU Engineering, Resistell
18:00	KORK, YASAI	18:00	iniVation, Exnaton
18:30	Raized, AI Retailer Systems	18:30	Sleepiz, Typewise
19:00	Polariton Technologies, Caplena	19:00	Tinamu Labs, Sygnum

# Startup Overview

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# archlet

Archlet  
www.archlet.io

Contact  
contact@archlet.ch

At Archlet, our mission is to help company buyers make better and faster decisions when buying goods and services. With our AI-guided sourcing App, we aim to replace error-prone and time-consuming offer collection through Email and Excel. Our App guides buyers in order to quickly identify the optimal purchasing strategy while also proactively supporting them in their supplier negotiations. We are a software company originated from ETH Zürich.

Stage	Age	Size
Advanced operational startup	1-3 years	10+ people

We are looking for...  
Programming (web), Programming (back-end)

We are offering...  
Job position, Internship, Bachelor / Master thesis



# AI Retailer Systems

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Ai Retailer Systems (AIRS)

[www.AiRetailerSystems.com](http://www.AiRetailerSystems.com)

Contact

[jobs@AiRetailerSystems.com](mailto:jobs@AiRetailerSystems.com)

“We build tech that answers “who took what” with the highest accuracy & lowest cost. When combined with payment processing, purchasing transactions in retail can be executed. The benefits are:

- Convenience for consumers – no queues, no scanning devices, means hygienic shopping
- Economics that help retailers bring round-the-corner, 24/7 shops

You want to be part of a startup by & for innovators? Are you fascinated by 3D Computer Vision? You love building tech that gives users that automagical feeling? We'd

Stage

Prototype

Age

1-3 years

Size

6-10 people

We are looking for...

Programming (back-end), Engineering

We are offering...

Job position, Internship, Bachelor / Master thesis



# 3



Caplena  
caplena.com

Contact  
maurice@caplena.com

Caplena.com is a SaaS tool for analyzing open-ended feedback, app reviews and social media data. We employ the latest (transformer based) NLP models and combine those with a modern, easy to use web-interface. Our customers come from all over the world and include startups, market research agencies as well as large corporates (e.g. Swisscom, Bain, eBay). We have a lot of interesting challenges to work on, both on the backend (Python, Django, Websockets) as well as the NLP engine (Tensorflow & cool training data!).

Stage	Age	Size
Early operational startup	1-3 years	1-5 people

We are looking for...  
Programming (web), Programming (back-end)

We are offering...  
Internship, Bachelor / Master thesis

# exnaton

# 4

Exnaton

[www.exnaton.com](http://www.exnaton.com)

Contact

[info@exnaton.com](mailto:info@exnaton.com)

Exnaton is your software partner for the energy transition. We trust in the potential of energy data and offer data-based services targeted at the acceleration of the energy transition. In developing our platform, we build on our technical expertise in software development, data analytics, and behavioral interventions such as on our domain expertise around local energy markets acquired in the renowned Quartierstrom research project. Join us in fulfilling our mission!

Stage

Prototype-phase

Age

1-3 years

Size

1-5 people

We are looking for...

Programming (web), Programming (back-end), Programming (mobile), Engineering, Design

We are offering...

Job position, Internship, Bachelor / Master thesis, Shares

# 5

# fragnach.ch

fragnach.ch  
fragnach.ch

Contact  
lisa@fragnach.ch

Fragnach.ch provides scientifically accurate questionnaires for companies. Currently companies are doing online surveys, that do not provide a realistic and statistically accurate picture. We not only provide quality surveys, but also scientific interpretation that everyone can understand.

Our technology also gives an action plan and implementation suggestions, so you can change and optimize your company. With fragnach.ch you have a data-driven analysis and we help you to achieve your potential.

Stage  
Prototype-phase

Age  
Less than 1 year

Size  
1-5 people

We are looking for...

Programming (web), Programming (back-end), Programming (mobile), female CTO

We are offering...

Job position, female CTO



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## Hoursec

[hoursec.github.io/hoursec](https://hoursec.github.io/hoursec)

Contact

[hoursec@protonmail.com](mailto:hoursec@protonmail.com)

Hoursec is developing optimized Computational Algorithms for General Intelligence inspired on how synapses compute, we combine insights from quantum mechanics and systems neuroscience. Hoursec' software is computationally lighter / cost-efficient making possible to compute off-line and on-device. As a consequence, Hoursec' Models learn faster and optimally require less data than AI approaches commonly use. Smarter Data Analysis made cheaper and energetically efficient.

Stage

Early operational startup

Age

1-3 years

Size

1-5 people

We are looking for...

Engineering, Finance, Machine Learning

We are offering...

Job position, Internship, Shares

# 7



iniVation

[www.inivation.com](http://www.inivation.com)

Contact

[info@inivation.com](mailto:info@inivation.com)

At iniVation we create neuromorphic vision systems. Our bio-inspired intelligent technology offers unprecedented advantages over conventional machine vision systems: ultra-low response latency, low data rates, high dynamic range and ultra-low power consumption. Founded by the inventors of event-based vision, iniVation combines decades of world-leading R&D experience with a deep network of >400 customers and partners across multiple industrial markets.

Stage

Advanced operational startup

Age

4-5 years

Size

10+ people

We are looking for...

Programming (back-end)

We are offering...

Job position, Internship, Shares



8

**KORK**  
kork.work/

Contact  
daniell@kork.work

We imagine a world where connecting people through everyday tasks enables them to do what they love. Our marketplace connects students with people who need help in everyday tasks. Students can earn money and busy people are relieved from daily tasks.

**Stage**  
Early operational startup

**Age**  
1-3 years

**Size**  
1-5 people

**We are looking for...**

Life sciences, Programming (web), Programming (back-end), Programming (mobile), Marketing, Design

**We are offering...**

Job position, Internship

# 9



No-Touch Robotics  
[www.notouchrobotics.com](http://www.notouchrobotics.com)

Contact  
[roethlisberger@notouchrobotics.com](mailto:roethlisberger@notouchrobotics.com)

Conventional robotic grippers are limited in their ability to handle small and fragile components. This makes it difficult to automate processes involving such objects. By using acoustic levitational forces, No-Touch Robotics develops damage and contamination free contactless robotic grippers for handling fragile objects. Possible applications can be found in watchmaking, in the pharma and biotech sector and in the semiconductor industry.

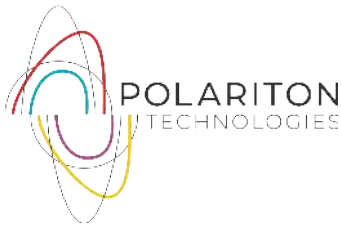
Stage  
Prototype-phase

Age  
1-3 years

Size  
1-5 people

We are looking for...  
Life sciences, Engineering, Marketing

We are offering...  
Internship, Bachelor / Master thesis



# 10

## Polariton Technologies AG

[www.polariton.ch](http://www.polariton.ch)

Contact

[join@polariton.ch](mailto:join@polariton.ch)

Polariton Technologies is a ETH spin-off developing cutting-edge devices for optical communications. We are about to launch our first product based on a novel electro-optic modulator. We enable customers to send data with unprecedented speed and quality. The modulators are used in research and industry. Join our team and work closely together with Claudia, Eva, Patrick, Benedikt, and Wolfgang developing the next generations of our products.

Stage

Prototype-phase

Age

1-3 years

Size

1-5 people

We are looking for...

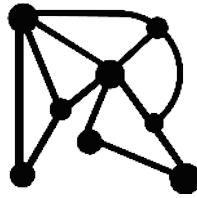
Engineering, Finance, Back office

We are offering...

Job position, Internship, Bachelor / Master thesis, Student assistant



# 11



Raized.ai AG  
www.raized.ai

Contact  
jobs@raized.ai

At Raized.ai we improve venture capital investing with data & automation addressing the deal sourcing, screening and due diligence phase. Our technology allows a VC firm or business angel to analyse 8x the number of ventures typically assessed by traditional VC funds, and ensures maximising entry point efficiency from both price and timing perspective delivering significantly higher returns. We built our MVP and are now in closed beta with several European startup investors and see strong interest across VC firms and angels.

Stage	Age	Size
Prototype-phase	1-3 years	1-5 people

We are looking for...  
Programming (web), Programming (back-end), Marketing, Finance

We are offering...  
Job position, Internship, Bachelor / Master thesis, Shares



# Resistell

# 12

Resistell AG

[www.resistell.com](http://www.resistell.com)

Contact

[greg@resistell.com](mailto:greg@resistell.com)

Resistell proposes an alternative to culture based antibiogram, the current gold standard in antibiotic susceptibility testing. Our offering is a diagnostic device. The rapid AST method is based on the detection of movement caused by living bacterial cells. Because the test is growth independent rapid AST, we reduce the time taken to get a result from days to minutes. Resistell provides information on which antibiotic should be used to treat the patient, and the concentration at which it should be administered.

Stage

Advanced operational startup

Age

1-3 years

Size

10+ people

We are looking for...

Life sciences, Programming (back-end), Engineering

We are offering...

Job position, Internship, Bachelor / Master thesis

# 13



Scewo AG

[www.scewo.ch](http://www.scewo.ch)

Contact

[b.winter@scewo.ch](mailto:b.winter@scewo.ch)

We are developing the wheelchair of the future. We started as a student project 5 years ago at ETH and are now a small company of 25 people which already delivered the first units to the customers. Our devices run Linux and are equipped with a GSM module that allows us to gather data and send software updates. We are looking for low-level embedded developers but also higher-level machine learning or data scientist to Implement partial-autonomy of the devices.

Stage

Early operational startup

Age

1-3 years

Size

10+ people

We are looking for...

Programming (back-end), Programming (mobile), Engineering

We are offering...

Job position, Internship, Bachelor / Master thesis, Shares



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Sleepiz AG (Ltd.)  
www.sleepiz.com

Contact  
career@sleepiz.com

Sleepiz AG (Ltd.) is a Zürich based startup with a mission to provide patient-centric disease management through seamless integration of contactless monitoring into people's homes.

Sleepiz leverages the power of sleep insights with a device that is simply placed on the bedside table. The device operates in a non-contact fashion and measures movements originating from heart contractions and breathing patterns, as well as body motions with medical grade accuracy.

Stage  
Early operational startup

Age  
1-3 years

Size  
10+ people

We are looking for...  
Engineering

We are offering...  
Job position, Internship, Bachelor / Master thesis, Shares

# 15



Sygnum

[www.sygnum.com](http://www.sygnum.com)

Contact

[massimo.hoehn@sygnum.com](mailto:massimo.hoehn@sygnum.com)

Sygnum is the world's first digital asset bank, founded on Swiss and Singapore heritage, operating globally. We harness the power of Distributed Ledger Technology (DLT) to systematically and holistically embed digital assets into regulated banking. We call the emergence of a trusted, secure and efficient digital asset economy Future Finance. Every day, our team of digital asset experts are working towards Future Finance by leveraging the advantages of DLT to serve our clients with innovative products and services.

Stage

Advanced operational startup

Age

1-3 years

Size

10+ people

We are looking for...

Programming (web), Programming (back-end), Programming (mobile)

We are offering...

Job position, Bachelor / Master thesis



# TINAMU

# 16

## Tinamu Labs

[www.tinamu-labs.com](http://www.tinamu-labs.com)

Contact

[david@tinamu-labs.com](mailto:david@tinamu-labs.com)

TINAMU offers the automation of inspection workflows by using cloud-connected drones as a flexible sensor network, where yet a human was required. Thanks to the mobility of a drone and our proprietary control system, it works in all environments - also in cluttered indoor spaces without GPS. With the push of a button, the user obtains all relevant asset information.

We are a VC-backed startup with 7 FTEs combining business and cutting edge engineering backgrounds. With this mixture, we have been able to execute first industrial POCs.

### Stage

Early operational startup

### Age

1-3 years

### Size

6-10 people

### We are looking for...

Programming (back-end), Engineering, Computer vision/3D reconstruction

### We are offering...

Internship

# 17



Typewise  
typewise.app

Contact  
info@typewise.app

Typewise builds the future of huma-machine interaction. We develop an award-winning text prediction technology that is private-by-design. Our innovative keyboard app has already been downloaded over 400,000 times in nine months. We've closed a CHF 1 million Seed Round to take this venture to the next level and reach 1 million users by next year. We're supported by Innosuisse and collaborate with ETH's Data Analytics Lab.

Stage  
Early operational startup

Age  
1-3 years

Size  
6-10 people

We are looking for...  
Programming (back-end), Programming (mobile), Marketing

We are offering...  
Job position, Internship, Shares



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Vatorex

[www.vatorex.ch](http://www.vatorex.ch)

Contact

[pp@vatorex.ch](mailto:pp@vatorex.ch)

At Vatorex we put the bee in the centre of all our efforts. We help beekeepers fight the varroa mite, the biggest threat to honeybees nowadays, to ensure bees vitality and productivity.

We develop and provide innovative high- tech solutions for the hive management and monitoring so they can take optimal care of their bees.

At Vatorex we aim to, by supporting bees, contribute to a more healthy, robust and sustainable world.

Stage

Early operational startup

Age

4-5 years

Size

6-10 people

We are looking for...

Programming (web), Programming (back-end), Programming (mobile), Engineering, Marketing, Data science

We are offering...

Job position, Internship, Bachelor / Master thesis



# 19



VU Engineering  
vu.engineering

Contact  
lucas@vu.engineering

Work with VU Engineering to strengthen your experience in Computer Vision and Machine Learning. Using the latest advances in both, we strive to create a safer world by detecting visual defects in manufactured parts. We prevent faulty hardware from ever entering your phone, car, and many other products you use every day.

VU Engineering builds the next generation of Visual Quality Inspection software for manufacturing. Join us on our mission to help perfect our vision for a safer world.

Stage  
Prototype-phase

Age  
1-3 years

Size  
1-5 people

We are looking for...

Programming (web), Programming (back-end), Programming (mobile), Engineering, Design, Computer Vision Engineer

We are offering...

Internship, Bachelor / Master thesis



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Yasai

[www.yasai.ch](http://www.yasai.ch)

Contact

[info@yasai.ch](mailto:info@yasai.ch)

YASAI is an ETH Spin-Off in Circular Vertical Farming. We are an interdisciplinary and international team of architects, designers, engineers, urbanists and business experts. Our aim is to create Circular Food Systems for Smart Cities. We want to bring farming closer to the people, reduce food miles, produce premium quality products and save the most valuable resources of our planet - Fresh water & land. We as Yasai, want to contribute to the sustainable transformation of agriculture in the 21st century. We grow more with less!

Stage

Early operational startup

Age

Less than 1 year

Size

1-5 people

We are looking for...

Life sciences, Programming (web), Programming (back-end), Programming (mobile), Engineering, Marketing, Plant science or agronomy

We are offering...

Job position, Internship, Bachelor / Master thesis

A Special Thanks To

CareerFairy

“It’s a mistake to hire huge numbers of people to get a complicated job done. Numbers will never compensate for talent in getting the right answer: Two people that don’t know something are no better than one!”

- Elon Musk, Entrepreneur and Founder

**ETH** ENTREPRENEUR CLUB