



# Oliver Kamer

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## Personal Information

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nationality Swiss  
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## Work Experience

- since October 2023 **Development Engineer, Supercomputing Systems, Zurich.**  
Working as a software developer with a focus in Java development. We develop smart and sustainable solutions for our clients.
- Oct 22 – Sep 23 **Head of Operations (part-time), Young Engineers, Zurich.**  
As Head of Operations, I led a team of 20 instructors, coordinated Lego courses and holiday camps, and served as the primary liaison for parents and schools.
- May 22 – Jul 23 **Application Developer (part-time), UZH, Zurich.**  
Planning, development, and deployment of a Django and React-based research application, custom-built in collaboration with university researchers to meet specific research objectives.
- Aug 21 – Sep 22 **Course Instructor (part-time), Young Engineers, Zurich.**  
As a course instructor, I taught Young Engineers courses during after-school activities, introducing kids to engineering, natural sciences, and basic informatics through hands-on LEGO projects, including motorized vehicles
- Jun 20 – Sep 20 **Application Developer (full-time internship), Eawag, Dubendorf.**  
Planning, development, and deployment of a Django-based web application for managing noble gas measurements at Eawag. The system currently oversees more than 7,000 samples and remains an integral tool for the isotope research group.
- Aug 18 – Aug 19 **Class Assistant (full-time civil service), School Zurlinden, Zurich.**  
As a class assistant, I aided teachers in instruction, providing extra support to students as needed and participating in extended classroom projects. Additionally, I assisted the principal with administrative duties and contributed to the after-school care team.

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## Education

- Sep 21 – Sep 23 **UZH, Zurich, Master in Software Systems, magna cum laude.**  
Master's Thesis: C.O.M.U.N.I.: Keeping communication alive, trustworthy, and open (grade: 5.5)  
Master's Project: SECAdvisor 2.0: Visualizations and Extensions for Cybersecurity Economics Analysis (grade: 6)
- Sep 17 – Sep 21 **UZH, Zurich, Bachelor in Software Systems, magna cum laude.**  
Bachelor thesis: Fuzzing Playground: Easy-to-Use Web-Based Tool to Demonstrate Fuzzing (grade: 5.25)
- Sep 16 – Aug 17 **ETH, Zurich, Electrical Engineering, no degree.**

- Aug 14 – Jun 16    Gymnasium Kirchenfeld, Bern, High School, high school diploma.  
High school diploma with focus on physics and applied mathematics
- Jul 13 – Jun 14    St. Andrews Catholic College, Cairns, Exchange Year.
- Aug 11 – Jul 13    Gymnasium Kirchenfeld, Bern, High School.

## Volunteer Work

- since December 2021    Pfadikorps Patria, Bern, J+S Coach.  
As a J+S Coach, I guide scout leaders in planning their camps and ensuring their safety. I also bridge the gap between our organization and the government's sports funding program. Due to our accreditation as organization and my accreditation as a coach, we receive government subsidies for our holiday camps.
- since August 2021    Pfadikorps Patria, Bern, Division Leadership (Corpsleitung).  
yearly and financial planning as well as supervision of the section leadership
- Jul 20 – Jul 21    Pfadikorps Patria, Bern, Section Leadership (Abteilungsleitung).  
Yearly planning, supervision of scout leaders
- Sep 16 – Aug 17    SPOD, Zurich, President Student Print on Demand.  
President and volunteer at the student print shop
- Aug 15 – Jul 17    Pfadikorps Patria, Bern, Scout Leader.  
Leading own scouting group. Includes yearly planning, teaching scouting topics and finances.
- Mar 15 – Apr 15    Senevita Residenz Multengut, Muri, Social Internship.  
3 weeks of animation at a retirement home
- Aug 11 – Jul 13    Gymnasium Kirchenfeld, Bern, Head of Finances for the Class.  
simple bookkeeping, paying of invoices

## Language Skills

- German    Native
- English    Native Level: exchange year in Australia, daily usage for studies
- French    Fluent: graduation in highschool
- Italian    Basic: currently learning on Duolingo

## Personal Interests

- Sport    long distance running and road cycling
- Culture    english books, great films
- Traveling    Australia, Scandinavia, China