



Oliver Kamer

Personal Information

location Zurich
nationality Swiss
email oliver@kamer.ch
phone +41 79 884 10 62

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 22 – Sep 22 **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.

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 **Pfadicorps 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 **Pfadicorps Patria, Bern**, Division Leadership (Corpsleitung).
yearly and financial planning as well as supervision of the section leadership
- Jul 20 – Jul 21 **Pfadicorps 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 **Pfadicorps 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