



Ph.D. and Postdoc positions in Software Engineering

UZH Software Lab @ University of Zurich

The UZH Software Lab at the University of Zurich, Switzerland, invites applications for several openings as Ph.D. student and postdoctoral researcher. The successful applicants will work within the UZH Software Lab, in the group of **Prof. Dr. Alberto Bacchelli** or **Prof. Dr. Harald C. Gall**.

The UZH Software Lab is a consortium of three professors (A. Bacchelli, T. Fritz, H.C. Gall) and currently includes three postdocs and eleven Ph.D. students. The Lab's research spans a wide area of topics, including empirical software engineering, human aspects of software engineering, data mining and AI/ML for software evolution, software architecture, software quality, and software processes (code review, DevOps, CI/CD). To carry out and evaluate our research, we collaborate closely with more than 20 industrial partners, including Microsoft, Logitech, ABB, Salesforce, Accenture, and Adesso, as well as with university researchers around the globe, including Europe, Canada, and the USA. We regularly publish our research in top international journals and conferences in Software Engineering, Human-Computer Interaction, and Computer Supported Collaborative Work.

Further information on the research of the two groups in which the current openings are offered is available in the groups' webpages: <http://zest.ifi.uzh.ch/> (A. Bacchelli), <https://www.ifi.uzh.ch/seal> (H.C. Gall).

We offer:

- a team of dedicated and highly motivated researchers, who are passionate about understanding software engineering and improving the development and evolution of the software systems that run our society;
- strong support for your career development;
- fully funded positions, with very competitive salary as well as social benefits (e.g., a pension plan);
- generous funding for professional travel and research needs;
- an attractive work environment both within the research group and beyond: the University of Zurich is one of Switzerland's leading universities in the middle of a vibrant, cosmopolitan city that ranks among the cities with the highest quality of life worldwide.
- a negotiable starting date

You have:

- a dedicated interest in understanding and improving software engineering;
- strong analytical skills and experience in programming and developing large software systems (prior knowledge in data analytics, qualitative research, AI/ML, and empirical research is a plus);
- a Master's degree in Computer Science or related fields. Exceptional candidates with a Bachelor's degree may also apply;
- excellent communication skills in English, which is the working and teaching language in our department. Also, in your day-to-day life in Switzerland and especially in Zurich, you will get by well in English.

If you fit this profile, like challenging tasks, and are passionate about research, we would love to hear from you.

To submit your application, fill in one of the following forms:

- Ph.D. student https://uzhwwf.qualtrics.com/jfe/form/SV_cSabPkL8COgmTc
- Postdoc https://uzhwwf.qualtrics.com/jfe/form/SV_1M0jHNp5CPgaOoK

Screening will start on **January 12, 2022**, yet applications submitted after this date will also be considered.

If you have any questions, contact us at "bacchelli (at) ifi (dot) uzh (dot) ch" or "gall (at) ifi (dot) uzh (dot) ch".