Veit Heller

veitheller.de   veit@veitheller.de   GitHub   LinkedIn

Work Experience

Berlin and Erlangen, Germany

Technologist at Large *January 2020 – present*

I help companies figure out what they need and how to implement it.

- I've built products for young startups and acted as an interim CTO as they were looking for technical co-founders or needed to get through a funding round.
- I've guided investor decisions about whether to invest in or buy companies. I've assisted in due diligence processes dozens of times.
- I've written architectural white papers for companies for documentation as well as guidance.
- I've led threat modeling, ISMS, and SSDLC initiatives and workshops and guided the security posture of companies.
- I've acted as interim CEO for Port Zero during the CEO's parental leave.
- I've built complex LLM integrations and workflows for developers and end users, and developed and open-sourced state-of-the-art packages for building LLM applications.

feenk Erlangen, Germany
DX crafter *October 2021 – August 2025*

I helped reason about code, organizations, and build Glamorous Toolkit, one of the most exciting pieces of technology I know of.

Port Zero Berlin, Germany
CTO *July 2018 – January 2020*

In 2018, I took over the technical leadership of Port Zero and helped the CEO manage and grow the company.

- I hired and onboarded 20+ engineers.
- I took responsibility for team and infrastructure and managed many successful client projects.

- I gave threat modeling and development security workshops and wrote exploratory white papers for clients about their problem domains.

I also had the privilege to still go hands-on pretty often. Some of my personal highlights:

- I implemented a portfolio management system in Pharo Smalltalk for a Global 500 company.

- I helped multiple Internet Service Providers automate their network provisioning processes.

Port Zero   Berlin, Germany
Senior Software Engineer   *June 2016 – June 2018*

- I wrote an API for BIRD that is currently being used by a variety of Internet Service Providers.

- I audited software systems for faults and found security holes.

- I worked with Python and NumPy to speed core sections of a client's codebase used for calculating resource availabilities up by a factor of 5-7.

Bright   Berlin, Germany
Lead Software Developer   *July 2015 – June 2016*

- I developed the backend of Bright's products in Python (using Flask, Django, and SQLAlchemy).

- I took care of code reviews across projects on GitHub for a team of four people.

- I kept track of the code climate and was responsible for deployment on cloud providers (Heroku and AWS).

                                                             Berlin, Germany
Software Development & Consultancy   *February 2015 – June 2016*

HTW INKA   Berlin, Germany
Research Assistant (SIGNAL & FKI)   *February 2014 – July 2015*

Education

Recurse Center   New York City, NY
Recurser (Sabbatical)   *May 2017 – August 2017*

HTW Berlin   Berlin, Germany
BSc in Applied Computer Science   *October 2012 – January 2016*

Publications

Papers

Selection. Full list on my website.

Efficient Module-Level Dynamic Analysis for Dynamic Languages with Module Recontextualization. Nikos Vasilakis, Grigoris Ntousakis, **Veit Heller**, Martin C. Rinard. *ACM Joint European Software Engineering Conference & Symposium on the Foundations of Software Engineering (ESEC/FSE 2021)*

> ***Received Distinguished Paper Award.***

Recorded Talks

Selection. Full list on my website.

gt4llm: Software Development with LLMs in Glamorous Toolkit. *European Smalltalk User Group 2024*

gt4python: Working with Python inside Glamorous Toolkit. *European Smalltalk User Group 2024*

IXPDB:—A review and a preview. *39th Euro-IX Forum, 2023*

gt4atproto, A Programmable Environment for Social Media. *European Smalltalk User Group 2023*

Implementing an IDE in GT. *European Smalltalk User Group 2022*

Automate yourself within six months. *DeNOG 2019* (Co-presented by Christian Dieckhoff)

Programming Languages and Trust. *Datengarten 96*

Carp - A Language for the 21st Century. *ClojuTRE 2018*