

## Work Experience

- Recurse Center NEW YORK CITY, NY  
**Recurser (Sabbatical)** *Mai 2017 – August 2017*  
Researched and explored personal projects during a self-directed 3-month programming retreat.
- Port Zero BERLIN, GERMANY  
**Senior Software Engineer** *June 2016 – present*  
Consults a diverse set of clients on behalf of the company, from large Internet Exchanges to local startups. Develops internal and OSS tools.
- Bright BERLIN, GERMANY  
**Lead Software Developer** *July 2015 – June 2016*  
Developed the backend of Bright's products. Took care of code reviews across projects, kept track of the code climate, and was responsible for deployment of Heroku- and AWS-based systems.
- Freelancer BERLIN, GERMANY  
**Software Development & Consultancy** *February 2015 – present*  
Collaborated with a wide variety of clients in the Berlin area, mostly on web-based systems of various kinds. Developed, audited, and migrated systems while learning to remain calm when under pressure, both mundane — e.g. critically failed deploys — and unusual — e.g. DoS attacks.
- HTW INKA (SIGNAL) BERLIN, GERMANY  
**Research Assistant** *January 2015 – July 2015*  
Developed information systems and multimedia applications for the Konzerthaus and Märkisches Museum Berlin. Also produced RFID projects, and a project for the Lange Nacht der Wissenschaften 2015.
- HTW INKA (FKI) BERLIN, GERMANY  
**Research Assistant** *February 2014 – January 2015*  
Developed a Big Data Visualization tool using Python, JavaScript, and Qt. Later ported it to the web using Django. Also researched on and prototyped realtime audio streaming technology.

## Education

- HTW Berlin BERLIN, GERMANY  
**BSc in Applied Computer Science** *2012 – 2016*  
Developed multiple multimedia projects. Bachelor thesis discusses zepto-js, the JavaScript version of zepto for frontend and in-browser efforts. All of the projects and the thesis are available online on Github. Final grade average of 1.76 (equivalent GPA of 3.24).
- Jean-Paul-Gymnasium Hof HOF, GERMANY  
**Abitur** (Pre-University Secondary Education) *2003 – 2011*  
Humanist and musical highschool, i.e. education in five foreign languages and classical guitar.

## Non-Work Projects

- zepto  
zepto is a programming language with a focus on naïveté, malleability, and friendliness. It is both a testbench for new ideas in PLT and a pragmatic, usable implementation of a Scheme with a "batteries included" mindset. The first stable release was announced on the 15<sup>th</sup> of December 2016.
- VeTo Projects  
VeTo Projects is a collaboration between two friends. Notable projects include web-based VJ and DJ applications (complete with MIDI controls), and an audiovisual live coding editor for GLSL, QML, and audio live coding framework for Python.

## Non-Technical

- Natural languages:** German (*mother tongue*), English (*near-native proficiency, certified C1*), French (*professional proficiency, certified B2*), Spanish (*professional proficiency, certified B1+*), and Japanese (*elementary proficiency, certified B1*). Non-professionally viable knowledge of a handful other languages.