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## Professional Software Engineering

2018– Director — Services Pipeline

Qwiet AI (formerly ShiftLeft), Berlin / Santa Clara, <https://www.qwiet.ai/>

Building infrastructure and tooling for our code analysis platform as the team lead for the services pipeline, largely at the integration point between the various teams. Developing the language frontend for the Go programming language was also part of my tasks. Using Scala, Java, Go, Docker, PostgreSQL and some Python.

2015–2018 Senior Developer

Oliver Wyman / LShift, Berlin / London, <https://www.oliverwyman.com/>

Solving problems for our clients, ranging from contributions to open-source software to backend server-side development, as well as integrating a multitude of existing legacy services to build a new digital-first platform offering for a medium-sized energy provider. We also planned a similar, but much larger migration and platform rebuilding effort for the existing customer base of said provider next.

2014–2015 Full-stack development of a risk analysis platform

Cytora, London, <https://cytora.com/>

All around frontend and backend development, monitoring, deployment of a risk analysis platform for the insurance, airline, and other industries. Set up monitoring for all components in a Service Oriented Architecture, implemented and optimised Machine Learning algorithms to cluster and process event data, improved and implemented frontend capabilities to display said events. Monitoring, implementation and optimisation of Machine Learning algorithms, frontend pieces.

2013–2014 Backend development for a game server

Goal Games, Berlin

Backend development, new features and scaling for increasing demands, analysing user data, database migrations, optimization; some frontend side features.

2012–2013 Development of engineering software for structural analysis

Eisfeld Ingenieure, Kassel, <https://e3p.de/>

Application development and maintenance, data modelling, calculations, as well as visualisation (2D/3D), data import and export, GUI development.

## Education

2006–2011 **Bachelor and Master of Science in Computer Science**, *Universität zu Lübeck*.

## Languages

German **First language**

English **Near native**

Chinese **Basics**

## Knowledge

Languages	Common Lisp, Scala, Go, Java, Python, C, JavaScript, Clojure, R	Frameworks	Dropwizard, Mockito, Docker
Methods	SCRUM, DSDM	Misc	PostgreSQL, Elasticsearch, Solr, OpenGL, SDL