

## Positions

2022 – present **Software Engineer**, *QuantCo*

- Built an ETL pipeline for data science problems using Polars and SQL
- Built a Linux cluster using Nomad and Ansible to run data science workloads inside corporate environment
- Contributed to the Conda ecosystem
- Moved the company's internal development tooling to a modern, efficient and scalable workflow, significantly improving developer productivity

2025 – present **Member**, *Conda Steering Council*

The Steering Council is the governing body over the entire Conda Organization [↗](#). Steering Council members are the face of the organization, and are responsible for officially interfacing with external communities, organizations, non-profits, and companies.

## Education

2021 – 2024 **M.Sc. Computer Science**, *Karlsruhe Institute of Technology*, 1.1/1.0

2021 – 2024 **M.Sc. Mathematics**, *Karlsruhe Institute of Technology*, 1.0/1.0 (best of year)

Winter 2022 **Exchange Student Computing Science**, *Radboud University Nijmegen*, 9.5/10

2018 – 2021 **B.Sc. Computer Science**, *Karlsruhe Institute of Technology*, 1.1/1.0

2018 – 2021 **B.Sc. Mathematics**, *Karlsruhe Institute of Technology*, 1.0/1.0 (best of year)

## Open Source

**pixi** [↗](#) A modern cross-platform package manager for the Conda ecosystem with a focus on simplicity, speed, and reproducibility (200+ contributions [↗](#)).

**rattler-build** [↗](#) A fast, standalone Conda package builder written in Rust that creates cross-platform relocatable packages from a simple recipe format (100+ contributions [↗](#)).

**rattler** [↗](#) A collection of Rust crates to work with the Conda ecosystem. This library powers all modern Rust-based tooling in the Conda ecosystem (100+ contributions [↗](#)).

**conda-forge** [↗](#) The backbone of the Conda ecosystem. It consists of over 30,000 packages for Linux, macOS and Windows. I maintain over 200+ feedstocks [↗](#).

**Conda tooling** I built various other tools for the Conda ecosystem: [setup-pixi](#) [↗](#), [pixi-pack](#) [↗](#), [pixi-browse](#) [↗](#), [conda-mirror](#) [↗](#), [conda-deny](#) [↗](#), [pixi-diff](#) [↗](#), [pixi-install-to-prefix](#) [↗](#), [pixi-docker](#) [↗](#), [pixi-diff-to-markdown](#) [↗](#), [pixi-pycharm](#) [↗](#), [starship \(pixi support\)](#) [↗](#), [setup-micromamba](#) [↗](#)

**7circles** [↗](#) An educational video created with manim [↗](#) about the Seven Circles Theorem [↗](#) (Springer [↗](#)). The video is available on YouTube in English [↗](#) and in German [↗](#).

**Further contributions** [slim-trees](#) [↗](#), [polarify](#) [↗](#), [pydantic-settings-sops](#) [↗](#), [calibre-kindle-comics](#) [↗](#), [modernercv](#) [↗](#), [homebrew-core](#) [↗](#), [boring-gravatars](#) [↗](#), [direnv](#) [↗](#), [lefthook](#) [↗](#), [py-crude-resource-monitor](#) [↗](#)

## Skills

Technologies Python, Rust, Bash, Linux, Docker, Typst, NumPy, Polars, SQL, scikit-learn, Git, Terraform, GitHub Actions

Languages German (native), English (fluent), French (intermediate), Russian (intermediate), Dutch (intermediate)