

Constantin Loew

c.loew@tum.de ❖ +49 1601602999 ❖ Munich, Germany

WORK EXPERIENCE

Adnymics

March 2020 – August 2022

Working Student

Munich, Germany

- Lead developer on new API using serverless paradigm with AWS Lambda, improving scalability massively, ease of deployment (no downtime) and cutting response time in half.
- Complete rewrite from monolithic Python on premise to dockerized microservices written in Rust on the AWS platform increasing generation throughput from 13 PDFs/min to theoretically ∞ pdfs/min by scaling server instances, decreasing necessary maintenance and cutting an unmanageable amount of complexity down to straightforward, logical chunks.
- Working on Flask website backend, fixing bugs as well as adding new features (change history, QoS PDF download, ...).
- Working on python monoliths (integrating a recommendation engine, fixing an endless number of bugs, ...).

TECcompanion

May 2015 – March 2016

SysAdmin & Software Engineer

Munich, Germany

- Development lead for program that creates and manages monthly bills in C# as well as Xojo.
- Development lead for program that monitors server health in C#.
- Software-Deployment in numerous AWO/nurseries.

Microsoft

July 2014

Intern

Berlin, Germany

- PC-Deployment.
- Sitting in and transcribing sales talks.

SKILLS & INTERESTS

- **Hard Skills:** Learning new tech, AWS with terraform, Python, Rust, Docker, Java, Haskell, Go, C#, SQL, Redis, Kafka, Postgres, DataDog, Ansible, Jenkins, ...
- **Soft Skills:** German (native), English (beyond fluent), French (I can get by (for now;)), empathetic teamplayer, strong communicator
- **Interests:** Meditation, Skiing, Writing and Reading (Sci-Fi, Classics, Philosophy, ...), Yoga, Basketball, Table Tennis, ...

EDUCATION

Technical University Munich

October 2017 – September 2022

Major: Computer Science & Math

Munich, Germany

- Relevant courses: programming, computer architecture, software engineering, databases, algorithms and data structures
- Left college prior to graduation in order to pursue my career.