

Adrian Stobbe

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Skills

Programming Languages

Go, Python, JavaScript, C++, Rust

Experience

Software Developer - Edgeless Systems GmbH

since May 2023

development on OSS project Constellation to make running Kubernetes on the public cloud secure through cutting edge confidential computing

Rotational Trainee (STAR program) - SAP SE

Mar 2021 - Mar 2023

development on OSS Kubernetes as-a-Service project (Gardener); part of the Observability + CLI team of an OSS Kubernetes runtime project (Kyma)

Rust developer - part time - Deta

Nov 2022 - Jan 2023

exploring a new infrastructure platform built with Firecracker

Working student + intern - dive solutions GmbH

May 2020 - Jan 2021

Bachelor's thesis on coupled FEM+SPH to simulate inhibition inside a 3D laundry machine (C++), application support and development of a post-processing tool (Python & C++)

Working student - TU Berlin

Oct 2018 - Sept 2019

data analysis for combustion experiments (Python)

Education

Computational Science & Engineering MSc - Technical University Munich

Oct 2020 - Mar 2023

Exchange semester - UPC, Barcelona

Sept 2021 - Jan 2022

Exchange semester - Tsinghua University, Beijing

Sept 2019 - Feb 2020

Engineering Science BSc - Technical University Berlin

Oct 2017 - Oct 2020

Projects

[Master's thesis: Optimizing cluster utilization in Kubernetes](#)

Feb 2022 - Aug 2022

using optimistic job scheduling backed by stateful pod migration, I could demonstrate significant resource savings for production scenarios of an industry HPC job service

[Personal CRM](#)

Mar 2022

a Progressive Web App to stay in touch with people

[Personal Search Engine](#)

Oct 2021 - Jan 2022

a native app to gather information from multiple sources

Honors / Certificates

Certified Kubernetes Application Developer (CNCF)

Sept 2021 - Sept 2024

German Academic Scholarship Foundation (Studienstiftung)

Sept 2019 - Mar 2023

Programs / Hackathons

Cloudfest 23 Hackathon; RustFi 22 Hackathon; Cornell BigRed hacks 21; Bosch BSX 20; Skoda X Innoway Hackathon 20; Techlabs Web Dev Track 20/21

Hobbies

linguaphile speaking Spanish and Mandarin; playing Ukulele; dancing Salsa; blogging