

SEVERIN SCHMIDMEIER

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EDUCATION

Technical University of Munich

M.Sc., Informatics, Current grade: 1.1

since 2023

The University of Tokyo

Exchange Semester, Informatics, Grade: 1.0

2024 – 2025

Technical University of Munich

B.Sc., Informatics, Grade: 1.6

2019 – 2023

EXPERIENCE

Working Student Software Engineering

revel8 GmbH

Apr. 2026 – Present

Munich

- Developed a learning platform to help companies train their employees on IT security topics

Junior Software Engineer

ICONPARC GmbH

Sep. 2025 – Mar. 2026

Munich

- Developed reliable B2B applications using a proprietary DSL and Java
- Worked with complex relational database schemata
- Developed an LSP server for the used DSL

Student Assistant

Technical University of Munich

May 2025 – Aug. 2025

Garching

- Assistant at the “Chair of Network Architectures and Services”
- Continuing the development of CTF challenges on various topics, including security protocols and cryptography
- Implementing the challenges and solutions using Python

Junior Professional

TNG Technology Consulting GmbH

May 2022 – Sep. 2024

Munich

- Developed backend software, APIs, and data syncing tools in Python and Go
- Developed frontends for e.g., HR management using Typescript
- Worked on the infrastructure setup, including AWS, Kubernetes, and Terraform

Organizer (Übungsleitung)

Technical University of Munich

Sep. 2021 – May 2022

Garching

- Co-managing the course “Functional Programming and Verification”
- Creating exercises and implementing tests using OCaml
- Organizing tutorials accompanying the lecture, designing and grading exam questions

Student Tutor

Technical University of Munich

Nov. 2020 – Aug. 2021

Garching

- Tutor for “Fundamentals of Programming” and “Introduction to Computer Networking and Distributed Systems”
- Teaching students the basics of first Java programming and later networking and distributed systems

PROJECTS

Material Management Tool | Kotlin, TypeScript & Svelte, Docker, Postgres

2025

- Developed a tool to manage the inventory of a scout group, register damages, create packing lists, and more
- Designed Kotlin API, Postgres schemata, and Svelte frontend

Network Security Hacking Challenges | Python, Cryptography principles

2024

- Developed a set of CTF-style challenges on various topics to accompany a network security lecture
- Designed complex and interesting challenges & implemented challenge servers and example solutions

DPSG Letter | Kotlin, TypeScript & Svelte, Docker, ~~TeX~~

2024

- Developed a tool to allow non-technical users to generate custom letters from a LaTeX template
- Built a Kotlin API handling the latex generation using pandoc and custom Lua filters & designed a frontend for the tool

TECHNICAL SKILLS

Languages: Python, Kotlin, Go, TypeScript, SQL, Java, C++, Haskell, C

Frameworks: Ktor, Exposed, Svelte, FastAPI, React

Other: Docker, Cryptography, IT Security, git, Linux, \LaTeX

ACHIEVEMENTS & HONORS

Deutschlandstipendium: 2021, 2022, 2023, 2024, 2025

h4tum CTF: 2nd place in a university-wide IT security competition

VOLUNTEER WORK

Chairman

Deutsche Pfadfinderschaft Sankt Georg (DPSG)

- Chairman of the local scout group DPSG Langenbach

since 2021

Langenbach

Youth Group Leader

Deutsche Pfadfinderschaft Sankt Georg (DPSG)

- Planning & Organizing weekly meetings with children & teenagers

since 2018

Langenbach