

Work Experience

- May 2025– **Student Assistant**, *Technical University Munich*
- Aug 2025 Assistant at the „Chair of Network Architectures and Services“, continuing the development of CTF style challenges on various topics to accompany a network security course, using *Python*
- May 2022– **Junior Professional**, *TNG Technology Consulting GmbH*
- Sep 2024 Working Student in the internal IT department: Developing software using *Python*, *Go* and *TypeScript*
- Sep 2021– **Organizer (Übungsleitung)**, *Technical University Munich*
- May 2022 Co-managing the course „Functional Programming and Verification“: Creating exercises, implementing tests, organizing tutorials accompanying the lecture, designing and grading exam questions, using *OCaml*
- Apr 2021– **Student Tutor**, *Technical University Munich*
- Aug 2021 Tutor for the course „Introduction to Computer Networking and Distributed Systems“, teaching students the basics of networking and distributed systems
- Nov 2020– **Student Tutor**, *Technical University Munich*
- Mar 2021 Tutor for the course „Fundamentals of Programming“, teaching students *Java* programming principles

Education

- since 2023 **M.Sc., Informatics**, *Technical University of Munich*, Current grade: 1.2
- 2024–2025 **Exchange Semester, Informatics**, *The University of Tokyo*, 1.0
- 2019–2023 **B.Sc., Informatics**, *Technical University of Munich*, 1.6
- 2011–2019 **Abitur**, *Karl-Ritter-von-Frisch Gymnasium, Moosburg*, 1.7

Projects

- 2024 **DPSG Letter** | *Kotlin, TypeScript & Svelte, Docker, L^AT_EX*
Tool to allow non-technical users to generate custom letters from a latex template
- 2024 **Network Security Hacking Challenges** | *Python, Cryptography principles*
Development of a set of CTF style challenges on various topics to accompany a network security lecture

Volunteer Work

- since 2021 **Chairman**, *Deutsche Pfadfinderschaft Sankt Georg (DPSG)*, Langenbach
Chairman of the local scout group DPSG Langenbach
- since 2011 **Member**, *Deutsche Pfadfinderschaft Sankt Georg (DPSG)*, Langenbach

Skills

Python, Kotlin, Go, TypeScript, Linux, SQL, C++, Haskell, Java, git, L^AT_EX

Achievements & Honors

Deutschlandstipendium (2021, 2022, 2023, 2024)