Severin Schmidmeier

Curriculum Vitae

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Work Experience

May 2022– Sep 2024 **Junior Professional**, *TNG Technology Consulting GmbH*
Working Student in the internal IT department of TNG: Developing software using *Python*, *Go* and *TypeScript*

Sep 2021– May 2022 **Organizer (Übungsleitung)**, *Technical University Munich*
Co-managing the course „Functional Programming and Verification": Creating exercises, implementing tests and organizing tutorials accompanying the lecture, designing and grading exam questions, using *OCaml*

Apr 2021– Aug 2021 **Student Tutor**, *Technical University Munich*
Tutor for the course „Introduction to Computer Networking and Distributed Systems", teaching students the basics of networking and distributed systems

Nov 2020– Mar 2021 **Student Tutor**, *Technical University Munich*
Tutor for the course „Fundamentals of Programming", teaching students programming principles using *Java*

Education

since 2023 **M.Sc., Informatics**, *Technical University of Munich*, Current grade: 1.2

2024–2025 **Exchange Semester, Informatics**, *The University of Tokyo*

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, LATEX*
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, git, LATEX, Linux, C++, Haskell, Java, SQL

Achievements & Honors

Deutschlandstipendium (2021, 2022, 2023, 2024)