

MAXIMILIAN FRÜHAUF

Munich, Germany

Contact: max@maxfruehauf.com

EDUCATION

Technical University of Munich (TUM)

Bachelor of Computer Science with minor in Mathematics

German Average 1.7/5.0; GPA: 3.3/4.0; **Top 10%**

Relevant Coursework: Motion Planning for Autonomous Vehicles, Linear and Convex Optimization, Modeling & Simulation, Computer Networks, Computer Architecture, Linear Algebra, Calculus

Munich, Germany

Oct 2017 - Mar 2021

National University of Singapore (NUS)

Exchange semester in English speaking Singapore. GPA: 3.4/4.0

Singapore

Aug 2019 - Dec 2019

EXPERIENCE

Research Assistant (HiWi)

Cyber-Physical Systems Group, TUM

Oct 2020 - Mar 2021

- Further extended SUMO (Simulation Of Urban Mobility) and CommonRoad integration, an autonomous vehicle testing framework by TUM Cyber-Physical Systems Group.
- Assured software quality. Worked with novel, large scale research systems.

Naklar.io - Online Tutoring for high school students

Extra curricular project with other TUM students

Mar 2020 - Jul 2020

- Built platform allowing students to ask questions via video chat and get matched to their perfect tutor naklar.io.
- Developed UI/UX, deployment and video chat (BigBlueButton) integration using web technologies.

LEADERSHIP

Academic Tutor

TUM

Munich, Germany

Oct 2018 - Apr 2019

- Gave tutorials to Computer Science students in first and third semester on: Computer Networks, Computer Architecture & Fundamentals of Databases

SKILLS

Languages	German (native), English (C2), French (B1) & Mandarin Chinese (A2.2 / HSK 3)
Programming	Python, Java, C/C++, JavaScript, HTML, SQL, OCaml, \LaTeX , x86/64 ASM, Go

ACADEMIC ACHIEVEMENTS

TUM Informatics Award for the Best Teaching (*Preis für die beste Lehre*) twice for tutoring students (2020).

German Academic Scholarship (*Deutschlandstipendium*) for high-achieving & committed students 2018 & 2019.

EXTRA-CIRRICULAR

Active helper in festivals organized by the students association of TUM.

Ball room dancer and road cyclist