

BENEDICT ARMSTRONG

CONTACT@BENARMSTRO.NG

Education

- **ETH Zürich**
B.Sc. Computational Science and Engineering, Robotics specialization
2021 —
- **Vienna University of Technology**
B.Sc. Computer Science, Software & Information Engineering track
2019 — 2021 (switch to ETH)

Experience

- **Software Engineer**, Armstrong Systems
2022 —

Founded Armstrong Systems, consulting work for clients in Zürich.
- **Teaching Assistant for Software Engineering Fundamentals**, Department of Computer Science ETH Zürich
February 2023 —

Teaching Assistant for the course Software Engineering Fundamentals
- **Head teaching assistant for Computer Science II**, Department of Computer Science ETH Zürich
August 2023 — February 2024

I am responsible for the organization of the teaching assistants and the exercise classes. In addition I work closely with the lectures preparing exercise material and making sure the course runs smoothly.
- **Teaching assistant for Computer Science II**, Department of Computer Science ETH Zürich
August 2022 — February 2023

I taught one of the exercise classes and reviewed student submissions. The course provides the foundations for the design and analysis of algorithms. Classical problems ranging from sorting up to problems on graphs are used to discuss common data structures, algorithms and algorithm design paradigms.



Born and raised in Vienna, currently living in Zürich.

In my free time I like to code, tinker with electronics, design and make furniture, and generally I enjoy all types of DIY/maker projects. I am also interested in (FPV) Drones, IoT Prototyping, CAD/CAM, 3D Printing, Cycling, Tennis and of course all things computer science.

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- **Teaching assistant and Developer**, Inter-university research group Industrial Software, Vienna University of Technology
Spring 2021

Together with a small team we developed security challenges for teams of students to compete in a Capture the Flag (CTF) competition. It was held as part of the course "Security for Systems Engineering" at TU Wien. In addition I supervised students during the competition and helped administering exams later in the semester.

- **Paramedic (civil-service)**, Samariterbund
2018 — 2019

Worked as a paramedic in Vienna as part of my civil service.

Languages and Technologies

- English, German
- Java, Python, C, C++ , JavaScript, PHP, Angular, React, NextJS, Svelte(Kit), FastAPI, REST, HTML, CSS, SQL, Mongo, Postgres, Docker, Git, Scrum and Arduino/ESP8266/32 based Hardware development