BENEDICT ARMSTRONG

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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.
- **Head teaching assistant for Computer Science II**, Department of Computer Science ETH Zürich
  August 2023 —

  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.
- **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

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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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