

Eli Adelhult

student &
software engineer

Education

2020 – present	Chalmers University of Technology M.Sc. Computer Science: algorithms, languages & logic B.Sc. Computer Science and Engineering
2024	Tokyo Institute of Technology Exchange studies in Computer Science (1 semester)
2020	Umeå Institute of Design Design for communication ideas (½ semester)

Work experience

During my high-school and university studies I have interned and worked part-time in both engineering and software development roles. I also enjoy teaching.

2022 - 2024	Opera Software Internship and part-time work in the gaming R&D team. Mostly writing multiplayer networking code for the GameMaker engine, but also some Windows and web development. C++, Java, JavaScript and Rust.
Winter 2021	Chalmers Student ambassador for high-school events and teaching assistant for the undergraduate course in algorithms and data structures.
Apr – Aug 2021	Swedish Summer School of Space Science Teaching classes in C++ and Python programming as well as electronics basics to about 50 high-school students. Amongst other things I also helped arrange lectures about topics such as quantum computing, satellites, and black holes.
Summer 2020	Gotlands elnät (GEAB) Documentation and administrative tasks related to the maintenance of high voltage power lines.
Winter 2019	IBM In the role as a junior consultant, I programmed and designed large parts of a social web platform from beginning to end with React and Node.js.
2016 – 2019	Teknikhuset Part-time work supervising and tutoring children in topics such as electronics, programming and 3d printing.
Jun 2019	CERN As an intern at the information technology department, I worked with a Big Data project using technologies such as Kafka.

Contact

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Software development

Rust, C++, JavaScript (and React), Haskell, Python, WASM, and Java.

3D modeling

- Autodesk Inventor
- Autodesk Fusion 360

Design and graphics

- Adobe Creative Suite
- Figma

Languages

- Swedish (native)
- English

Other merits

- Board member of the maker space Chalmers Autonomous Systems and Electronics (CASE). 2022 – 2023.
- Board member of the Astroparticle Physics Youth Association (UAPFF) 2020, 2021.

I also build a lot of hobby projects related to systems programming and web development. Many can be found on my Github page!

github.com/adelhult