

# DAN EDELSTEIN

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## Education

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### TalTech (Tallinna Tehnikaülikool)

Tallinn, Estonia

Bachelors of Science in Integrated Engineering, 4.84 GPA

Autumn 2021 - Summer 2024

- **Selected Coursework:** Computer Vision (MSc level, focus on Python), Theoretical Probability and Statistics
- **Awards:** Parimad Starterid, XRP Leger Trust Stipendium Grantee

### Aalto University (School of Mechanical Engineering)

Helsinki, Finland

4.86 GPA

Exchange program 2023 - 2024

- **Selected Coursework:** Machine Learning (Joint MS/BS), Human-Computer Interaction

## Recent Experience

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### Ericsson

Tallinn, Estonia

Test Development Digital Software Engineer

June 2022 - March 2023

- Developed and maintained digital tools for test development team including automation/CD tools
- Built full-stack internal tooling from scratch with 100+ daily users
- C#, next.js, PostgreSQL, MSSQL, Internal Tooling

### Elsewhere LLC

Brooklyn, NY, USA

Senior Facilities Manager

June 2018 - Feb 2020

- Contract negotiation, management of 4-person staff, and coördination with outside contractors
- Plan and execute business goals in collaboration with small ownership team and senior management staff

### Freelance Fabrication

Baltimore, MD, USA

Wood, metal and electronics fabrication with Magma Design and KNAS

May 2019 – Aug 2021

## Context

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Student of CS and Mechatronics currently on a study year at Aalto University, as a part of the final year of the Integrated Engineering BSc at TalTech. In the process of applications to MSc programs for fall 2024 in Embodied AI. Moved to Estonia from the U.S. in 2021 to pursue a degree in a cross-disciplinary technical field (and to move with my partner, who is a sculptor currently finishing an MFA at EKA in Tallinn). Reliable, broadly experienced including software development, management, and fabrication. Most relevant recent work history below, not a problem to provide references for any. Eager to expand my skillset. I learn new languages quickly, be they spoken or computing. I recently concluded an MSc level class in Computer Vision, with an emphasis on implementing algorithms found in the current scientific literature.

## Technical Skills

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**Technologies/Frameworks:** C, C#, JS, Bash, Python in both professional and academic contexts (SciPy, OpenCV, some PyTorch, some Tensorflow), MATLAB, some Julia, some Rust, L<sup>A</sup>T<sub>E</sub>X

**Skills:** Academic writing in English, ML frameworks and statistical analysis, Research literature review

**Languages:** Fluent English, Passable French, Steadily Improving Estonian, Bit of Finnish

## Extra-Curricular

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TTU Robotiklubi, Home/IoT Automation, Contemporary Art (Mechatronic Sculptures)