

DAN EDELSTEIN

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Education

TalTech (Tallinna Tehnikaülikool)

Tallinn, Estonia

Bachelors of Science in Integrated Engineering, 4.84 GPA (ECTS)

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

Exchange program Autumn 2023

- **Selected Coursework:** Machine Learning (Joint MSc/BSc course), Stochastic Processes (MSc course), Human-Computer Interaction

Recent Experience

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, Python, Internal Tooling

Freelance Fabrication

Baltimore, MD, USA

Wood, metal and electronics fabrication at Magma Design and KNAS

May 2019 – Aug 2021

Context

Student of CS and Mechatronics currently on a study semester at Aalto University, as a part of the final year of the Integrated Engineering program 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 literature.

Technical Skills

Languages: Fluent English, Passable French, Steadily Improving Estonian, Laughable Finnish

Skills: Academic writing in English, Research literature access/retrieval/comprehension, working knowledge of theoretical statistics and probability

Technologies/Frameworks: Python in both professional and academic contexts, SciPy, Numpy, SciKit-Learn, OpenCV, C, C#, JS, Bash, some Rust, some PyTorch, some Tensorflow, L^AT_EX

Extra-Curricular

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