



TAPIO TULOISELA

- STUDENT AT AALTO UNIVERSITY
- ENGINEER
- AVID LEARNER
- CHOIR SINGER

CONTACT



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[LinkedIn](#)

Projects available at: [website](#)

KEY SKILLS

Computer Science essentials:

- **Machine Learning & AI**
 - Interactive AI: Langgraph, data pipelines, context management
 - Machine learning course + project: grade 5
 - Pursuing additional machine learning courses: Supervised Machine Learning, Deep Learning
- **Frontend:**
 - React, JavaScript, HTML, CSS, Figma
- **Backend:**
 - Python, Django, SQL
- **Data structures and algorithms**
 - Grade (5) in advanced DSA course at Aalto

Psychology:

- **Especially Human-AI interaction**
 - My personal interest
 - Bsc. thesis on decision-making under human-AI interaction scenarios (grade 5/5)

HOBBIES

- **Aalto University's mixed choir Dominante**
 - My role: head of events 2025-2026, bass singer
 - Responsible for numerous events with up to 300 participants, including current singers and alumni throughout the choir's 50th anniversary year in 2025
 - Our choir was featured on Gramophone nominee ("oscars of classical music") choir album of the year in 2024
- **Chess**
 - Organised and led chess club in high school
 - 2nd place in national Finnish high school tournament with my team
- **Sports**
 - Used to play Finnish baseball
 - Gym and running mostly nowadays, I enjoy basically all sports :)

EXPERIENCE

06/2025-08/2025

AI TOOL DEVELOPER

Driveco oy

- Developed an AI-driven system to optimize user experience in dealership operations, targeted for test-drive reporting
- Designed and implemented frontend, backend, data processing pipelines and context management.

09/2024-06/2025

TEACHING ASSISTANT

Aalto University

- "Research methods in Engineering Psychology", "Human-Computer Interaction" and "Basics in Python programming Y1"
- Graded and evaluated assignments; managed course materials and exercises; mentored students during labs and office hours.

06/2024-09/2024

RESEARCH ASSISTANT INTERN

Aalto University

- Worked as a part of a research group while working on my bachelor's thesis
- Got to work and be mentored by professional researchers in human-computer interaction themes

EDUCATION

09/2023-

BSC, ENGINEERING PSYCHOLOGY

Aalto University, School of Science

- Understanding human mind + strong technical skills
- Minor: Computer Science
- GPA 4.6
- Bsc. Thesis: "Behavioral economics for AI-augmented scenarios" (graded 5/5)
 - Prof. Welsch feedback: "- - an exceptional thesis. - - sets the stage for an empirical study of game theory and human-AI interaction. - - usable for publication in academic paper"
- Courses: Human-Computer interaction, Cognitive psychology, Research project in Engineering psychology

09/2021-06/2022

BSC, COMPUTER SCIENCE

Aalto University, School of Science

- Courses: Programming 1, Programming 2, Data Structures and Algorithms, Web Software Development, Databases, Machine Learning
- Military service 07/2022-6/2023, after which I changed major

08/2018-06/2021

MATRICULATION EXAMINATION

Helsingin Suomalainen Yhteiskoulu

- Grade: Laudatur, eximia
- Top 1% score in advanced mathematics national exam
- Main interest natural sciences
- Additionally deepened my understanding about history and societal issues with extra courses