

Aatu SELKEE



PROFILE SUMMARY

A result-driven Finnish applied mathematics student at Aalto University. Proficient in data-analysis, machine learning and artificial intelligence, primarily using Python. Effective communicator with leadership experience gained through both military training at Reserve Officer School and basketball refereeing. Proven ability to make quick decisions, de-escalate conflicts, and maintain authority in stressful situations. Lifelong learner with a passion for growth and self-improvement in every scenario.

CONTACT DETAILS

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LinkedIn

LANGUAGES

Finnish: ● ● ● ● ●
English: ● ● ● ● ●
Swedish: ● ● ● ○ ○

SKILLS

- GitHub and \LaTeX
- Programming languages in order of proficiency: Python, R, Scala, MATLAB, JavaScript
- Data structures and algorithms
- Excel and other Microsoft Office tools
- Communication, collaboration and leadership

EXPERIENCE

RESEARCH ASSISTANT at *Aalto University*
06/2024–08/2024

◊ Implemented an algorithm using Python similar to X-ray tomography. My bachelor’s thesis focused on this algorithm.

BASKETBALL REFEREE at *Finnish basketball association*
09/2019–present

◊ As a basketball referee, I have honed my skills in decision-making, communication, and handling high-pressure situations. My experience includes officiating at the national level for youth competitions.

SUMMER INTERN at *Halton Marine oy*
06/2023–08/2023 and 06/2022–08/2022

◊ Performed various tasks in production, including working with metals and conducting quality control.

SUMMER INTERN at *Eurokangas oy*
06/2019–07/2019, 07/2018 and 07/2017–08/2017

EDUCATION

BACHELOR IN SCIENCE AND TECHNOLOGY (BSC). *Aalto University, Espoo, Finland*. GPA: 4.89 / 5. 09/2022–12/2024

SECOND LIEUTENANT. *Reserve Officer School, Hamina, Finland*. GPA: 92.16 (company average: 81.83). 11/2021–02/2022

UPPER SECONDARY SCHOOL. *Lahden yhteiskoulu, Lahti, Finland*. GPA: 9.5 / 10. 08/2018–06/2021

ACHIEVEMENTS

- Dean’s Stipend, Aalto University – Awarded twice in 2023 and 2024.
- Technology Industries of Finland Centennial Foundation Stipend - Awarded in 2021 for exceptional performance in the matriculation examination in mathematics.
- Top 20 in MAOL mathematics and physics competitions
- Top 50 in MAOL chemistry competition
- Participant of the Nordic Mathematical Contest and Nordic-Baltic Physics Olympiad.

HOBBIES

- Sports: gym, disc golf and occasionally other ones.
- Corporate finance: investing in the the stock market.
- Programming: current projects are a deep learning library and a new programming language (see GitHub).

REFERENCES

Prof. Nuutti Hyvönen Head of the department of mathematics
Aalto University
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