

Leevi Veneranta

Aspiring Computer Scientist

Personal Profile

Aspiring computer scientist who is passionate about learning and self-development. As my motto goes:

> Every day is an opportunity to learn and improve myself

Highly interested in various topics in computer science including machine learning, information security and cloud computing. I wish to continue developing my skills further and have an impact on the society!

Abilities

- Motivated and well-disciplined
- Quick and eager to learn anything new!
- Fluency in both written and spoken English
- Reliable and flexible team player
- Strong skills in independent work

Programming languages



Expert Proficient **Proficient** Proficient **Proficient** Beginner

Contact Information







www.linkedin.com/in/venleevi

EMPLOYMENT HISTORY

Teaching Assistant, Aalto University

- Academic year 2021-2022:
 - Data Structures and Algorithms
- Academic year 2020-2021:
 - First Course in Probability and Statistics
 - o Differential and Integral Calculus 2

Research Assistant, Aalto University

- Department of Computer Science: Astroinformatics

- Development of 3D astronomical data visualization tools using Pyvista and Python

Research Assistant, Aalto University

1.6.2020 - 31.8.2020

1.5.2021 - 12.9.2021

26.10.2020 - Present

- Department of Applied Physics: Atomic scale physics
 - Reimplemented a microscope automation framework to support a different Python API
 - · Trained machine learning models using a super computing cluster (Triton) and evaluated their performance.

EDUCATION

MSc in Computer Science, Aalto University

9.2021 - 12.2022

- Major: Machine Learning, Data Science and Artificial Intelligence
- Minor: Mathematics
- Completed 20 / 120 ECTS, with 4.75 GPA
- Total of 218 ECTS with 4.64 GPA

BSc in Engineering Physics, Aalto University

1.2019 - 12.2021

- Completed 170 / 180 ECTS with 4.84 GPA
- Minors: Computer Science and Mathematics
- BSc Thesis: "Automation of Scanning Tunneling Microscopy using Neural Networks" (Pass with Distinction)

Matriculation Examination, Classical High **School of Tampere**

8.2015 - 6.2018

- Physics (L), Mathematics (L), Chemistry (E), Biology (E), English (E), Finnish (M)

LANGUAGES

Finnish Native

English Professional proficiency Swedish Limited working proficiency German Elementary proficiency

SKILLS

Python:

Pandas

PyTorch

NumPy

Sklearn

Mathematica Anaconda Jupyter **SLURM**

Git LaTeX Linux Bash

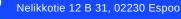
Matplotlib Pyvista













www.github.com/venleevi

INTERESTS AND HOBBIES



Reading to learn something new every day



Challenges I enjoy cracking cryptographic / programming challenges online!

