

Leevi Veneranta

MSc Machine Learning student

Personal Profile

I am an <u>aspiring computer scientist</u> who is passionate about learning and development. As my motto goes:

> Every day is an opportunity to learn and improve myself

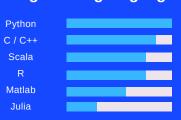
Highly interested in various topics in computer science including machine learning, algorithms and programming IoT devices. I wish to continue developing my skills further and have an impact on the society!

For further information on me, please see my website at https://venleevi.github.io

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

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Espoo, Finland

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in www.linkedin.com/in/venleevi

www.github.com/venleevi

https://venleevi.github.io

EMPLOYMENT HISTORY

Teaching Assistant, Aalto University

· Data Structures and Algorithms

- Statistical Inference
- · First Course in Probability and Statistics
- 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

See https://venleevi.github.io/pyvista-plotter/ for further details

Research Assistant, Aalto University

1.6.2020 - 31.8.2020

26.10.2020 - Present

1.5.2021 - 12.9.2021

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

EDUCATION

MSc in Computer Science, Aalto University

9.2021 - 12.2022

- Major: Machine Learning, Data Science and Artificial Intelligence
- Completed 45 / 120 ECTS, with 4.86 GPA
- Total of 243(+15) ECTS in 3 years with 4.66 GPA
- Total of ~313 ECTS by Summer 2022
- Estimated graduation: Fall 2022

BSc in Engineering Physics, Aalto University

1.2019 - 12.2021

- GPA: 4.82
- 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

Git

LaTeX

Linux

Bash

- 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

Mathematica Anaconda Jupyter

SLURM

Emacs

Matplotlib

Pyvista

PyTorch

NumPy

Sklearn

• and many more...

INTERESTS AND HOBBIES



Reading & Learning to learn something new every day





