AARON HAARTI

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Education

University of Helsinki   Helsinki
Bachelor of Science - Theoretical Physics   *Sep 2018 – May 2023*
- GPA: 4.5/5.0

Experience

Teaching Assistant   Sep 2021 – Dec 2021
University Of Helsinki   *Helsinki*
Teaching Assistant for course:
- Scientific Computing II

Internship Trainee   Jun 2021 – Aug 2021
CSC - IT Center for Science   *Helsinki*
HPC Support Group:
- Edited and created material for course elements of HPC (High Performance Computing)
- Constructed a collection of benchmarking applications to strain different aspects of supercomputers
- Investigated the overhead of singularity containers running MPI

Teaching Assistant   Sep 2020 – May 2021
University Of Helsinki   *Helsinki*
Teaching Assistant for courses:
- Scientific Computing II
- Basics of Quantum Physics
- Fundamentals of Theory of Relativity

Military Service   Jan 2019 – Sep 2019
The Conscript Band of the Finnish Defence Forces
- Principal second violin

Achievements

TuKoKe   2018

- 2nd place for project R.T.E.A (Relatively Tiny Electron Accelerator) in TuKoKe competition

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Skills

Languages: C/C++, Fortran, Python, LaTeX
Libraries: Numpy, Pandas, Scipy
Parallel computing APIs: CUDA/HIP, MPI, OpenMP,
Developer Tools:Bash, Git, Jupyter Notebooks, Linux
Human Languages: English, Finnish