PIM NELISSEN

Computational Science, Physics

@ pi0274ne-s@student.lu.se   ✆ +46 760 226 691   📍 Lund, Sweden   in pim-nelissen   ⌨ pim-n

EDUCATION

M.Sc. Computational Science, Physics
Lund University

📅 Sep 2024 – *ongoing*   📍 Lund, Sweden

Numerical ODE/PDE solvers | Subatomic physics

OpenMC | Signal processing | MATLAB | Random forest

B.Sc. Physics
Lund University

📅 Sep 2020 – Jun 2024   📍 Lund, Sweden

- My thesis involved machine learning applied to simulated MC data of radioactive decays from superheavy nuclei.

Python | Monte Carlo | Deep Learning | C# | SQL

EXPERIENCE

Sales specialist
Jumbo Supermarkten

📅 Jan 2018 – Aug 2020   📍 Oss, Netherlands

- Responsible for the entire product experience, with occasional leadership of a team of 3-5 people.

Sales Assistant
Jumbo Supermarkten

📅 Nov 2015 – Jan 2018   📍 Oss, Netherlands

VOLUNTEERING

System Administrator
DFRI

📅 Jun – Aug 2023   📍 Sweden

- I did some Linux system maintenance and projects at a non-profit dedicated to digital rights and privacy, particularly working with Docker and Nextcloud.

Digital Literacy Instructor
City Library Oss

📅 Sep 2013 – Jun 2014   📍 Oss, Netherlands

- I hosted an education program for promoting digital skills (e.g. use email, search and save information) within the local community, particularly aimed at the elderly.

COURSES

Computational Reactor Physics

Artificial Neural Networks and Deep Learning

Numerical methods for Differential Equations

Introduction to Databases

WORKSHOPS

Intermediate Bash and Linux
HPC2N, Umeå University

📅 02-03 Jun 2025

Introduction to Fortran
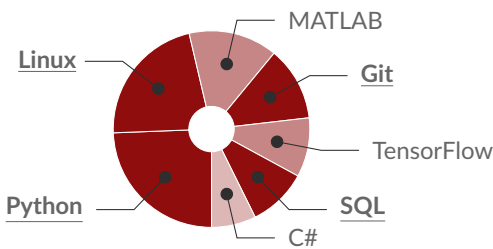**Leibniz Supercomputing Centre**

📅 11-13 Mar 2025

Git, code testing and documentation
EPFL CECAM, BioNT

📅 4-6 Feb 2025

TECHNICAL SKILL PIE

LANGUAGES

Dutch (Native)
English (IELTS Certified)
German
Swedish

PUBLICATIONS

📖 Bachelor's Thesis

- P. Nelissen, *Scrutinizing the Schmidt Test and Exploring the Use of Machine Learning for Statistical Assessment of Radioactive Decay Chains...* Lund University Publications, 2024. [Online]. Available: http://lup.lub.lu.se/student-papers/record/9168893.