Curriculum vitae

Felix Oscar Aertebjerg

Personal Data

Birthdate	29. November 2000
Birthplace	Munich, Germany
Nationality	German / Danish
Address	Pladehals Allé 53, 3., th
	2145 København SV
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Ambition

Apply advanced mathematics, statistics and artificial intelligence to solve real world problems.

Education

08/2023 - Current	MSc in Mathematical Modelling and Computation
	Technical University of Denmark
07/2024	Nordic Probabilistic AI Summer School
09/2022 - 12/2022	Semester abroad at the University of Madison, Wisconsin, USA
09/2020 - 07/2023	BSc in General Engineering
	Technical University of Denmark

Relevant completed courses and academic works

- **Research project:** "*Data-driven feature extraction and prediction using Deep Neural Networks*" incl. developer of the **GraPE-Chem** - Graph-based Property Estimation for Chemistry toolbox ([github](#))

- **Bachelor thesis:** *"Using AI to study bifurcation in dynamical systems"*

- **Advanced Machine Learning**

- **Bayesian Machine Learning**

- **Python and High Performance Computing**

- **Deep Learning (incl. project on distributed learning)**

- **Machine Learning for Signal Processing**

- Multivariate Statistics

- Simulation and Probabilistic Modelling

Programming Languages

- Python (proficient) with special focus on PyTorch, TensorFlow and GIT
- Matlab (proficient)

Language Proficiencies

German (fluent), English (fluent), Danish (fluent)

Experience and Certificates

Student Employee @ DeepGruble as ML Developer

07/2024 - currently

Teaching assistant in Introduction to Machine Learning

Fall 2023 + Spring 2024

@ Haldor Topsoe (Energy Solutions, lab assistant)

02/2022 - 10/2023

Certificates -TensorFlow Developer Certificate ([Certificate](#))

-Deep Learning Specialization on Coursera ([Certificate](#))

-Teaching Assistant Training Programme at DTU