

# Curriculum vitae

## Felix Oscar Aertebjerg

### Personal Data

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Birthdate	29. November 2000
Birthplace	Munich, Germany
Nationality	German / Danish
Address	Pladehals Allé 53, 3., th 2145 København SV
Telefon	+45 61486669
E-Mail	<a href="mailto:aertebjerg.felix@gmail.com">aertebjerg.felix@gmail.com</a>
Website	<a href="https://aerte.github.io/website/">https://aerte.github.io/website/</a>



### Ambition

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

### Education

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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

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- **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

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

## Language Proficiencies

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

## Experience and Certificates

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Student Employee	Teaching assistant in Introduction to Machine Learning Fall 2023 + Spring 2024 Haldor Topsoe (Energy Solutions, lab assistant) 02/2022 - 10/2023
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Certificates	TensorFlow Developer Certificate ( <a href="#">Certificate</a> ) Deep Learning Specialization on Coursera ( <a href="#">Certificate</a> ) Teaching Assistant Training Programme at DTU
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