



Marian Øverli

AI Engineer

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Summary

AI Engineer with a background in physics and mathematics from NTNU with a masters in machine learning applied on the zebra fish brain. 5 years experience as an acoustic consultant and developer in industry and transportation with hands on experience in data collection, analysis and databases. Developing projects for automation and website with a focus on building practical and maintainable solutions that create value.

Technical skills

Programming and Tools: Python, Github /version control, C#, CSS

Machine Learning and AI: PyTorch, TensorFlow, Scikit-learn, Vector Databases, Language Models

Data Analysis and Visualization: Pandas, NumPy

Experience

Brekke & Strand Akustikk Oslo
Acoustic consultant and Developer Aug 2020 – July 2025

- Project leader and consultant in acoustics. Measuring sound, data collection, data analysis in projects in industry and transportation. Early phase building. Standard, guidelines and regulations.
- Developer. SQL databases, data modeling, maintenance and updates. Automation workflows for data analysis. Webpage, structure trees, decision making, API

SINTEF Community Oslo
Summer student Acoustics engineer in laboratory summer 2019

- Summer student worked at the laboratory in Oslo, sound measurements in laboratory. Collaboration with costumers.

AquaGen Oslo
Summer student, Consultant in automation and improvements summer 2018

- Worked as an engineer to consult AquaGen in their pipeline. Look into bottlenecks and solve issues in their workflow.

Forskerfabrikken Tafjord, Volda, Sandefjord
Summer student, teaching summer 2015-2017

- Summer school teacher in technology. Teaching chemistry, mathematics and physics.

Education

Norwegian University of Science and Technology, M. Sc. in Applied Physics and Trondheim
Mathematics Aug 2013 – Jun 2020

- Specialization in applied physics
- Thesis: Sequences in the Zebrafish Brain with the used of Machine Learning

Languages

Norwegian (native), English (proficient)