Contact

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(LinkedIn)

Top Skills

Machine Learning

MLOps

Python (Programming Language)

Anders Ohma

Data Scientist @ NORCE Analytics | PhD Space Physics

Bergen, Vestland, Norway

Summary

I'm a data scientist holding a PhD in space physics. I build, deploy, monitor, and optimize machine learning models, ensuring proper model governance. Previously, I advanced our understanding of the complex interactions between Earth's upper atmosphere and space as a researcher at the Birkeland Centre for Space Science.

I have extensive experience working with complex and varied datasets, covering all stages of the machine learning lifecycle, from data acquisition and preprocessing to modeling and deployment. With strong programming skills, I tackle challenges efficiently and thrive in both collaborative and independent settings. My experience in disseminating key results has equipped me to effectively communicate complex findings to diverse audiences.

Experience

NORCE Norwegian Research Centre
Data Scientist
January 2025 - Present (1 month)
Bergen, Vestland, Norway

Building, deploying and maintaining ML models.

Skatteetaten
Data Scientist
July 2023 - December 2024 (1 year 6 months)
Bergen, Vestland, Norway

I developed and deployed predictive ML models, improved performance, and ensured adherence to model governance standards. I communicated insights to stakeholders, applied MLOps and agile practices, and contributed to analyses, risk assessments, and dashboard projects.

University of Bergen (UiB)
3 years 10 months

Postdoctoral Researcher
November 2019 - June 2023 (3 years 8 months)
Bergen, Vestland, Norway

As a researcher at the Birkeland Centre for Space Science, I worked on understanding large-scale processes in the near-Earth space environment. I developed a novel method to track the movement of the aurora based on global images. Using data from numerical simulations and real observations, I contributed to settle how auroral events reconfigure the magnetosphere and how the combined effect of Earth's seasons and the solar wind affects aurora. I taught a graduate-level course on space plasma physics from 2021 to 2023.

Researcher
September 2019 - October 2019 (2 months)
Bergen, Vestland, Norway

I analyzed magnetic field observations from well drilling and ground-based observatories to evaluate how an ionospheric current model explained magnetic disturbances, as part of the project ARAE — Navigational drilling model.

University of Bergen
Teaching Assistant
August 2014 - December 2015 (1 year 5 months)
Bergen, Vestland, Norway

Citybox Hotels
Receptionist
June 2014 - March 2015 (10 months)
Bergen, Vestland, Norway

Det Akademiske Kvarter
Operations Manager
November 2010 - February 2014 (3 years 4 months)
Bergen, Vestland, Norge

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Education

University of Bergen
Doctor of Philosophy - PhD, Physics · (June 2016 - August 2019)

University of Bergen
Master's degree, Physics · (January 2014 - January 2016)

University of Bergen

Bachelor's degree, Physics · (August 2010 - June 2013)