

Øyvind Klåpbakken

oyvind.klaapbakken@gmail.com • oyvind.dev
41766128 • Berglandsvegen 13, 2640 Vinstra

EDUCATION

NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Jan 2020 | Trondheim, NO
Master's degree in Applied Physics and Mathematics, siv.ing.

UNIVERSITY OF AMSTERDAM

June 2018 | Amsterdam, NL
Exchange, MSc Mathematics

UPPER SECONDARY SCHOOL

June 2013 | Vinstra, NO

LINKS

[LinkedIn](#)

[GitHub](#)

COURSEWORK

STATISTICS

General Statistical Methods
Computationally Intensive Statistical Methods
Statistical Inference
Stochastic Optimization
Statistical Learning
Stochastic Processes
Statistical Models
Lifetime Analysis
Linear Statistical Models

COMPUTER SCIENCE

Procedural and Object-oriented Programming
Algorithms and Data Structures

SKILLS

PROGRAMMING

Proficient
Python • Pandas • NumPy
Scikit-learn • Keras
R • Tidyverse • Shiny
SQL • Jupyter • Git
Familiar
C++ • Matlab • Julia
Linux

LANGUAGE

Fluent
Norwegian • English
Basic
German

SUMMARY

I am passionate about providing insights through the use of data visualization, statistical methods and machine learning, and I am eager to use these insights to generate value. I'm excited about working in an environment that enables me to perform at a high level and develop my skills. I value positivity, collaboration and curiosity and am eager to be a part of a work culture where these values are highly regarded. I see myself contributing by combining a solid work ethic and problem-solving skills with an in-depth knowledge of statistics and programming.

EXPERIENCE

EIKA FORSIKRING | DATA SCIENTIST

April 2020 - Current | Hamar, NO

Data wrangling, exploration, visualization and analysis to aid the organization in data-driven decision making. Machine learning to automate and optimize new and existing business processes.

CXENSE | DATA SCIENCE INTERN

Summer 2019 | Oslo, NO

Prototyped natural language processing pipeline for unsupervised topic extraction.

ABARIS CONSULTING | SUMMER INTERN

Summer 2017, '18 | Kvam, NO

Explored avenues for innovation within agriculture. Performed data extraction and feature engineering on GPS-data, and applied machine learning techniques in order to classify agricultural tasks. Achieved promising results on limited dataset.

HIS MAJESTY THE KING'S GUARD | COMMUNICATIONS ASSISTANT

Aug 2013 - Jul 2014 | Vinstra, NO

Communications assistant in the 5th company of Hans Majestet Kongens Garde, a battalion of the Norwegian Army.

STATOIL VINSTRA | GAS STATION ATTENDANT

Oct 2012 - Jul 2013 | Vinstra, NO

Part-time position.

TECHNICAL SKILLS

- An in-depth understanding of statistics and probability.
- Familiarity with a wide array of techniques used for statistical and stochastic modelling.
- Knowledge about tools and methods commonly used in data science and machine learning.
- Experience in solving challenging problems using numerical methods.
- Solid grasp on the fundamentals of programming, and experience in using programming to solve complex problems.
- A firm grasp on physics and modelling of physical systems.

SELECTED PROJECTS

- Master's thesis: **Map matching using hidden Markov models**
- Python package: **Hidden Markov models in Python**
- Mathematical Modeling: **Glacier Dynamics** • [GitHub](#)
- Optimization: **Robot Arm Optimization** • [GitHub](#)

REFERENCES

Provided upon request.