

EDUCATION

• University of Oslo

Oslo, Norway

Master of Science in Statistics; GPA: 4.64/5.00

Aug 2017 – June 2019

- Coursework in mathematical statistics and machine learning.
- One year research thesis (graded A) developing a gradient boosting algorithm for fitting survival times to a first-hitting time model, using a combination of lifetime and genomic data from e.g. cancer patients.

• University of Oslo

Oslo, Norway

Bachelor of Science in Mathematics; GPA: 4.10/5.00

Aug 2014 – June 2017

- Coursework in mathematics, computer science, and statistics.
- Took 2/3 year worth of additional course credits while graduating on time.

EXPERIENCE

• Cognito

Oslo, Norway

Software Engineer II

Jan 2020 – present

Software Engineer

May 2019 – Dec 2019

- **Document search:** In team of 4, built service for searching in unstructured files (images, PDFs, text, Office documents). Complex data pipeline with metadata extraction, OCR, and machine learning. Query API design. Codebase in Python 3 (+ mypy for static type checking) and Go. Elasticsearch, PostgreSQL, Apache Tika, Tesseract, Google Vision, Redis.
- **Seismic search:** Worked on service for ingestion and querying of GB sized seismic data files. gRPC API in Scala. Storage of metadata in MySQL and seismic data in BigTable. Ingestion in Python. Communication between ingestion backend and API using pub/sub.
- Infrastructure as code with Terraform. CI/CD with Jenkins and Spinnaker. Dockerized containers in Kubernetes.
- **Recruiting:** Conducted 100+ interviews for software engineering positions.

• Konsus (now Superside)

Oslo, Norway

Software Engineer, 1-2 days per week

Sep 2018 – Dec 2018

- Migrated marketing copy from React codebase to CMS.
- Implemented localization with locale based routing to support multiple languages.

• Spacemaker

Oslo, Norway

Data Scientist Intern

June 2018 – Aug 2018

- Did research and development work on parking lot optimization algorithms.
- Gave two talks on intermediate Python programming for data scientists and software engineers.

• University of Oslo

Oslo, Norway

Teaching Assistant, 1 day per week

Aug 2015 – Jun 2018

- Taught weekly 2h seminar. Graded and gave feedback on (bi)weekly mandatory exercises. Corrected 250 exams.
- **Spring semesters:** Functional Programming in Scheme. Head TA spring 2018. Nominated for best TA by several students each year.
- **Fall semesters:** Introduction to programming for science majors in Python.

• Kolonial.no

Oslo, Norway

Data Scientist, 1-2 days per week

Sep 2017 – Jan 2018

- Improved estimation of boxes used for grocery packing in warehouse.
- Created metrics dashboards in SQL for daily use by business development.

• Bekk Consulting

Oslo, Norway

Software Developer Intern

Jun 2017 – Jul 2017

- Wrote React front-end for an application currently used by thousands of Norwegian citizens each day.

TECHNOLOGIES

- **Languages:** Python, Go, Scala, JavaScript (React)
- **Technologies:** SQL, Unix, Git, Google Cloud, Docker, Kubernetes, Terraform