

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 where I developed a new way of modelling survival times 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 pure and applied mathematics, statistics, and computer science.
 - Higher course load than usual with one semester worth of extra credits.

EXPERIENCE

- **Cognite** Oslo, Norway
Software Engineer May 2019 - present
 - **Document search:** Built service for searching in unstructured files (images, PDFs, text, Office documents). Scalable and fast document ingestion pipeline with a pub/sub message passing architecture. Content extraction using Google Cloud Vision and Apache Tika. Postgres database for bookkeeping. Documents indexed in Elasticsearch. REST(ish) API for actual search. Codebase in Python 3 (+ mypy for static type checking).
 - **Seismic search:** Worked on service for ingesting and querying very large seismic data files. gRPC API implemented in Scala. Storage of metadata in MySQL and seismic data in BigTable. Ingestion in Python.
 - Infrastructure in Google Cloud, managed with Kubernetes and Terraform. CI/CD using Jenkins, and Spinnaker.
 - **Recruiting:** Conducted 50+ interviews for software engineering positions. Responsible for first part of hiring pipeline, making sure engineers reach out and hold interviews on schedule.
 - Promoted to Software Engineer II (T2) by January 2020, which is faster than usual.
- **Konsus (now Superside)** Oslo, Norway
Software Engineer, 1-2 days per week Sep 2018 - Dec 2018
 - Migrated content to a headless CMS, involving refactoring of most front-end React component logic.
 - Implemented localization to support multiple languages, using server-side rendering.
- **Spacemaker** Oslo, Norway
Data Scientist Intern June 2018 - Aug 2018
 - Research and development work on parking lot optimization algorithms.
 - Held 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. Corrected (bi)weekly mandatory exercises.
 - **Spring semesters 2016, 2017 and 2018:** Functional Programming (Scheme). Developed teaching material. Head TA spring 2018, administrating the course. Corrected exams 2017, 2018 and 2019.
 - **Fall semesters 2015 and 2016:** Introduction to Programming with Scientific Applications (Python).
- **Kolonial.no** Oslo, Norway
Data Scientist, 1-2 days per week Sep 2017 - Jan 2018
 - Developed improved method for box packing estimation for grocery packing in warehouse.
 - Assisted business development with calculations supporting customer lifetime value calculations.
 - Created metrics dashboards in Metabase using SQL queries.
- **Bekk Consulting** Oslo, Norway
Software Developer Intern Jun 2017 - Jul 2017
 - Implemented new front-end for a welfare overview application from scratch using React with TypeScript.

TECHNOLOGIES

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