

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. Communication between ingestion backend and API using pub/sub.
 - 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 (mypy), JavaScript (React), Scala
- **Technologies:** SQL, Unix, Git, Google Cloud, Docker, Kubernetes, Terraform