Vegard Stikbakke

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EXPERIENCE

- **Dune Analytics** — Remote
  Software Engineer — *Jan 2021 – present*
  - Employee 2. Analytics for crypto. Golang, Postgres, AWS.

- **Cognite** — Oslo, Norway and remote
  Software Engineer II — *Jan 2020 – Dec 2020*
  Software Engineer — *May 2019 – Dec 2019*
  - Built a **document search API** used by several customers to search millions of documents. Highly scalable and distributed indexing pipeline deployed on Kubernetes. Indexing pipeline included text extraction, OCR of images, language classification. Python 3 (+ mypy) codebase using Postgres and Elasticsearch for storage.
  - Worked with ElasticSearch, implemented server side sorting, reducing processing time of client-side applications.
  - Built a **load balancer in Go** that handles millions of pubsub requests per minute per machine.
  - **Recruiting**: Conducted 100+ interviews for software engineering positions, full-time and internship.
  - Cognite grew from 150 to 400 employees while I was there.

- **Konsus (now Superside)** — Oslo, Norway
  Software Engineer, 1-2 days per week — *Sep 2018 – Dec 2018*
  - Migrated marketing copy from React codebase to CMS, decreasing webpage sizes.
  - Implemented localization with locale based routing to support multiple languages, allowing more targeted SEO.

- **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
  Exam Grader — *Jun 2017 – Dec 2020*
  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**: Functional programming in Lisp/Scheme. Head TA in 2018. Nominated for best TA several times.
  - **Fall**: 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 using Python scientific stack.
  - Created business metrics dashboards in SQL for daily use by CFO.

- **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.

EDUCATION

- **University of Oslo** — Oslo, Norway
  Master of Science in Statistics. GPA: 4.64/5.00 — *Aug 2017 – June 2019*
  - Coursework in statistics and machine learning, e.g. Statistical Machine Learning and Computational Statistics.
  - 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, from Real Analysis to Operating Systems.
  - Took 2/3 year worth of additional computer science courses while graduating on time.

TECHNOLOGIES

- **Languages**: Python, Go, JavaScript (React).
- **Technologies**: Unix, Git, SQL, Docker, Kubernetes, Terraform, Prometheus.