

Falk Elvedal Bruskeland

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Education

Norwegian University of Science and Technology

Computer Science, Master's Degree Programme (sivilingeniør)

August 2022 – present

Trondheim, NO

Work

NTNU

Student & Teaching Assistant

August 2023 – present

Trondheim, NO

- Student Assistant in TDT4109 Information Technology, Introduction (Autumn 2023, 2024 & 2025) and TDT4100 Object-Oriented Programming (Spring 2024).
- Teaching Assistant in TDT4200 Parallel Computing (Autumn 2025).
- Provides guidance in C, Python and Java programming to IT students.

Capra Consulting

Technical Team Lead, Summer Intern

June 2025 – August 2025

Oslo, NO

- Consultant deployed at Sikri for reimplementation of a document management system used by municipalities and other public sector entities in Norway.
- Full-stack developer working with React frontend and Kotlin (Micronaut) backend, integrated with AWS services (S3, OpenSearch).
- Served as technical team leader and coordinated daily standup meetings, ensured progress, and communicated project status to the product owner.

Aboveit

Full-stack Developer, Summer Intern

June 2024 – August 2024

Oslo, NO

- Together with six other developers, developed new features for a service that digitalizes shift schedules for nurses.
- Worked as backend developer using Go, Gin, and Google Spanner technologies.
- Took initiative to develop a unit testing framework that ensures lasting code quality in the project.

Kateter

Software Developer, Summer Intern

June 2023 – August 2023

Oslo, NO

- Kateter (kateter.no) is an online learning platform for university students in Norway.
- Worked in a team of four and developed an interactive visualization tool for mathematics using TypeScript, Next.js, and Three.js.

Volunteering

Webkom

Leader & Software Developer

September 2022 – present

Trondheim, NO

- Webkom is the committee that develops web solutions for the student organization Abakus. We operate abakus.no, the admission system, and the voting system for Abakus. Our services run on both our own servers and in the cloud.
- Full-stack developer with expertise in TypeScript, React, Next.js, Django, and Docker.
- Served as leader from November 2023 to February 2025. Led the committee's work and vision, and represented the committee externally. Was responsible for weekly work sessions with 25 members, organizing teams and managing projects to ensure deadlines were met.

itDAGENE

Board Member & Software Developer

September 2023 – October 2024

Trondheim, NO

- itDAGENE is Norway's largest career fair for IT students with 80+ participating companies.
- Board member making decisions on behalf of 100+ students.
- Worked as a full-stack software developer in a team of three developers. Operated and developed the website itdagene.no using React and Django.

Projects

Kakoune Qt

github.com/falbru/kakoune-qt

- Developing a graphical user interface for a terminal-based code editor to increase user-friendliness.
- Developed with C++ and the Qt library, using knowledge of operating systems and network concepts such as IPC and JSON-RPC.

Chess Tournament Website

github.com/abakus-ntnu/abasjakk

- As part of a two-developer team, created a full-stack web application that has been used in two chess tournaments.
- Worked as backend developer developing the pairing algorithm and REST endpoints. Technologies used were Go, Gin, and MongoDB.

Skills

Programming Languages: Go, C++, C, C#, Java, Kotlin, Python, TypeScript, JavaScript, HTML/CSS

Technologies: Git, Docker, Qt, Gin, OpenGL, Google Spanner, Micronaut, Postgres, MongoDB, React, Next.js, Three.js, Node.js, Bun, Express.js, Django, Javafx, Drone, Cypress, AWS S3, AWS OpenSearch, GNU/Linux

References

Given upon request