



Sander Bakke

Profile

Hardworking and enthusiastic student pursuing a Masters degree in Electrical Engineering, specializing in Signal Processing and Machine Learning.

Employment History

Summer Intern, Interop AS, Oslo

JUL 2024 – AUG 2024

Developed a Proof of Concept (PoC) using FIWARE solutions, focusing on digital twins and real-time sensor data processing with FogFlow. Integrated components like Orion Context Broker, IoT Agents, ElasticSearch with Grafana and QuantumLeap, using Docker and MongoDB for efficient cloud-based data management. Demonstrated adaptability and problem-solving in a fast-paced environment.

Financial Manager Verstkapet Dodens Dal (VDD), UKA, Trondheim

NOV 2022 – DEC 2023

Responsible for VDDs finances. Responsibilities included contact with suppliers, procurement and managing a multimillion (NOK) budget, and some HR managing, including managing groups up to 170 workers during concerts.

Junior Engineer (Summer internship), Jotron, Larvik

JUN 2023 – AUG 2023

In a team of two, we developed a runners app using Qt Creator with C++ and QML, for either solo runs, or relay races with a team. Got additional experience with Node.js, Ubuntu VM serever setup, and secure internet protocols like the use of HTTPS connection and safe use of emails and passwords.

Teaching Assistant, NTNU, Trondheim

AUG 2022 – DEC 2022

Assisting students design and implement electronic projects for St. Olav Hospital with microcontrollers, sensors and actuators.

Project Consultant, NTNU, Trondheim

MAR 2022 – AUG 2023

Developed a WiFi-controlled car with object-detection for recycling. The task was making a project for new students at Electronic system design and innovation NTNU, with a goal to create motivation and enthusiasm towards the Masters program.

Education

M.Sc. Electronic System Design and Innovation, NTNU, Trondheim

AUG 2021 – MAY 2026

Signal Processing, EURECOM, Sophia Antipolis

SEP 2024 – JUN 2025

Courses

Recruiting and interviewing, SIT

JAN 2023

Meeting management, SIT

FEB 2023

Details

Klostergata 79
Trondheim
Norway
+47 909 32 554
sander.bakke@gmail.com

Links

[LinkedIn](#)
[GitHub](#)

Skills

Highly Organized

Leadership and Teamwork

Management Skills

Problem Solving

Adaptability

LaTeX

Python

Matlab

C++

C/Arduino

Git

HTML

JavaScript

MySQL

Docker

Languages

Norwegian

English

Spanish

French