

VILHJALMUR A. VILHJALMSSON

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EDUCATION

Norwegian University of Science and Technology (NTNU)

M.Sc Computer Science

Aug 2021 - Jul 2026

Trondheim, Norway

M.Sc Applied Mathematics & Physics

WORK EXPERIENCE

Microsoft

Software Engineer - Summer Intern (Incoming)

Jun 2025 – Sep 2025

Trondheim, Norway

- Software Engineer Intern within Experience and Devices (E + D)

A* Consulting

Technical officer/Co-founder

Mar 2024 – Des 2024

Trondheim, Norway

- Product manager for contract with major Norwegian construction company
- Secured 3 paying customers within the first month of starting

NorwAI - Norwegian Research Center for AI Innovation

AI Research Assistant - Part time/summer intern

Jul 2023 - Present

Trondheim, Norway

- Assisted in research, planning and writing a paper with PhD student, on anomaly detection using AI
- Optimized pipeline for processing of dataset, reducing processing time from over 1hr to less than 30s
- Developed a full stack website for searching the NorGPT dataset with OpenSearch, Next.js and React

Favn Software

Software Engineer - Part time

Feb 2022 – Mar 2024

Trondheim, Norway

- Implemented a scalable pipeline for internally generated data into Google Cloud
- Added CSRF protection with tokens for admin sites, making the application more secure against hackers
- Assisted in planning and writing proposals, resulting in over \$125K in research grants and consulting contracts

EXTRACURRICULAR ACTIVITY

Chief Investment Officer

Høiskolens Chemikerforening (HC)

Oct 2023 - Present

Trondheim, Norway

- Founded and managed endowment with an original value of more than \$20K

Project lead

Cogito NTNU - Biggest AI student organisation in Norway

Feb 2022 – Present

Trondheim, Norway

- Partnership with St.Olav hospital - Achieved 92% accuracy for pneumonia detection in medical imagery
- Conducted workshops and led a group of 4-5 students each semester

Key Account Manager

Propulse NTNU (Student Rocketry Team)

Aug 2021 - Aug 2022

Trondheim, Norway

- Wrote applications for funds, resulting in \$3K in University grants
- Secured partnership with major Norwegian (TESS) and international electronics retailers

HONORS AND AWARDS

2nd place | Hackathon by ABB Group and NTNU IE-faculty

Feb 2024

Finalist | HackMIT 2023

Sep 2023

3rd place | Hackathon with NASA JPL, hosted by Start NTNU

Feb 2022

3rd Prize | Chinese Bridge Competition Norway

May 2020

2nd Prize | Chinese Bridge Competition Norway

May 2019

SKILLS

Languages: Python, C/C++, Go, SQL, JAVA, Swift

Frameworks: Tensorflow, PyTorch, Next.JS, Pandas, Opensearch, Firebase, LangChain, LangGraph

Cloud Tools: Azure, Google Cloud Platform