

VILHJALMUR A. VILHJALMSSON

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EDUCATION

Tsinghua University *Sep 2025 - Jun 2026*
Institute of Interdisciplinary Information Sciences (IIIS), AI, Statistics and Quantum *Beijing, China*

Norwegian University of Science and Technology (NTNU) *Aug 2021 - Jul 2027*
M.Sc Computer Science and M.Sc Applied Mathematics & Physics *Trondheim, Norway*

WORK EXPERIENCE

Norges Bank Investment Management (NBIM) *Jun 2026 – Aug 2026*
Summer Intern (Incoming) *Oslo, Norway*

- Working in the fund valuation team

Microsoft *Jun 2025 – Sep 2025*
Software Engineer - Summer Intern *Trondheim, Norway*

- Developed a server for collecting and processing traces from Geneva Monitoring within M365 Core
- Implemented an OpenTelemetry pipeline to export telemetry to dashboards for real-time visibility and analysis
- Collaborated with M365 Core engineers to optimize accessibility and workflow of telemetry tooling

A* Consulting *Mar 2024 – Des 2024*
Technical officer/Co-founder *Trondheim, Norway*

- Product manager for contract with major Norwegian construction company
- Developed a RAG-based system using LangChain and LangGraph to enable interaction with enterprise data

NorAI - Norwegian Research Center for AI Innovation *Jul 2023 - Jan 2025*
AI Research Assistant - Part time/summer intern *Trondheim, Norway*

- Assisted in research, planning and academic writing with PhD student, on anomaly detection using AI
- Conducted experiments for Anomaly detection methods on Norways largest academic computing cluster
- Developed a full stack website for searching the NorGPT dataset with OpenSearch, Next.js and React

Favn Software *Feb 2022 – Mar 2024*
Software Engineer - Part time *Trondheim, Norway*

- Implemented a scalable pipeline for internally generated data into Google Cloud
- Assisted in planning and writing proposals, resulting in over \$125K in research grants and consulting contracts

EXTRACURRICULAR ACTIVITY

Chief Investment Officer *Oct 2023 - Present*
Høiskolens Chemikerforening (HC) *Trondheim, Norway*

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

Project lead *Feb 2022 – Present*
Cogito NTNU - Biggest AI student organisation in Norway *Trondheim, Norway*

- Conducted workshops and led a group of 4-5 students each semester for different AI projects

HONORS AND AWARDS

Participant | Quantitative Trading Camp with Jane Street in London *Apr 2025*

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*

SKILLS

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

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

Cloud Tools: Azure, Google Cloud Platform