Magnus Løwer

LinkedIn: www.linkedin.com/in/magnus-løwer
GitHub: https://github.com/magnus-lower
Website: https://magnuslow.com/

Education

august 2025 – present

Master of Computer Science (civil engineer), NTNU in Trondheim
Specialization in Visual Computing, with elective courses:

- TDT4173 – Applied Machine Learning
- TDT4259 – Applied Data Science
- TDT4136 – Introduction to Artificial Intelligence

august 2022 – june 2025

Bachelor of Computer Engineering, NTNU in Gjøvik
Experience in programming, system development, cloud computing, and IT security.
Bachelor Thesis: Reducing noise and false positives in a SIEM system using AI.

august 2021 – may 2022

Stord Folk High School
Focus on fjords, mountains, and outdoor life.

august 2018 – june 2021

Kongsberg Upper Secondary School
Academic specialization in natural sciences (STEM).

Experience

june 2025 – august 2025

IT Consultant (Summer Intern), Digdir, Leikanger
Participated in Digdir's summer camp together with seven other students on the use of large language models for service desk solutions. Developed prototypes with FastAPI, RAG and LoRA tuning, as well as a React/TypeScript interface. Contributed to the final report with recommendations for Digdir's further work. Gained experience with teamwork and the consultant role in the public sector.

june 2024 – august 2024

IT Consultant (Summer Intern), Digdir, Leikanger
Participated in Digdir's summer camp together with seven other students on digital wallets (EU-wallet/MATTR). Developed prototypes for issuing and verifying digital credentials with Java/Spring Boot, Python and React. Contributed to the final report with recommendations for Digdir's further work. Gained experience with teamwork and the consultant role in the public sector.

august 2020 – june 2025	**Store Assistant, KIWI (Gomsrud, Kirkeby, and Strandgata)** Part-time employee and on-call substitute at various KIWI grocery stores in Kongsberg and Gjøvik. Developed skills in customer service, communication and responsibility. Worked in parallel with school and studies.

Projects

august 2024 – present	**Personal Website:** https://magnuslow.com/ Designed and developed a personal website to showcase two projects.

IT Skills

Experience with modern software development, DevOps, and cloud technology through summer jobs in the public sector and personal projects.

- **Programming languages:** Java, Python, JavaScript.
- **Web and backend:** React, Spring Boot, Flask, REST APIs.
- **Cloud and DevOps:** Azure, Docker, Terraform, GitHub Actions.
- **Security:** Ethical hacking, software security, cybersecurity, and computer networks.
- **Data and AI:** Machine learning, data science, computer vision.
- **Tools:** Git, GitHub, VS Code, JetBrains.

Volunteer Work

september 2025 – present	**Member, Cogito NTNU Trondheim** Participating in projects together with other students to develop solutions within AI. The position is unpaid.
september 2025 – present	**Local Board Member, NITO Students Trondheim** Contributing in board meetings and at stands to promote the organization and recruit new members. The position is unpaid.
october 2022 – march 2025	**Volunteer (Entrance Manager), Studentenes Hus Gjøvik (HUSET)** Started as a volunteer and was appointed Head of Entrance in January 2024. Responsible for ticket sales, wardrobe, training and coordination of volunteers, as well as serving as a board member. The position was unpaid.

Other

Languages	Native Norwegian. English, written and spoken.
References	Available upon request.