

# Anders Vangsgraven Stubberud

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## EDUCATION

- **M.Sc. Informatics, Specialization in Artificial Intelligence** Aug 2025 - Jun 2027  
*NTNU - Norwegian University of Science and Technology* Trondheim, Norway
  - Courses in data analysis, artificial intelligence, and teamwork
  - Upcoming master's thesis on AI adoption in organizations
- **B.Sc. Informatics** Aug 2022 - Jun 2025  
*NTNU - Norwegian University of Science and Technology* Trondheim, Norway
  - Broad foundation in software development, data analysis, and project work in teams

## WORK EXPERIENCE

- **Software Engineer Summer Intern** Jun 2026 - Aug 2026  
*OmniMod* Oslo, Norway
  - Developing an AI-powered support and diagnostics solution in Rust, built on the Model Context Protocol (MCP), to automate troubleshooting and information retrieval across Omnimod's products.
- **Software Engineer Summer Intern** Jun 2025 - Jul 2025  
*Netcompany* Oslo, Norway
  - Developed a service giving Oslo Municipality employees an overview of internal systems and services using Vue, Spring Boot with Kotlin, PostgreSQL, and Kubernetes
  - Worked in an agile team consisting of 5 interns and 2 supervisors, emphasizing requirements engineering, planning, estimation, and quality assurance
- **Data Analyst Part-Time Employee** Nov 2024 - Mar 2025  
*Norwegian Public Roads Administration* Trondheim, Norway
  - Refined the analysis completed under my preceding internship, and co-authored 2 sections in the final report delivered to the Ministry of Transport
  - Assisted in performing supplementary calculations for road-wear indicators
- **Data Analyst Summer Intern** Jun 2024 - Aug 2024  
*Norwegian Public Roads Administration* Hamar, Norway
  - Analyzed data using Python for a trial evaluating the impact of increased legal vehicle weight in the timber transport industry, leveraging Pandas, Matplotlib, and Seaborn
  - Presented findings to others within the organization

## PROJECTS

- **MuZero RL for Snake** [🌐]  
*Technologies: Python, PyTorch, DI-engine, C++, Cython*
  - Built a MuZero-based RL agent for Snake using neural networks and model-based planning
  - Implemented self-play training with PyTorch, DI-engine, MCTS, and value-policy learning
- **Portfolio with Personal Chatbot** [🌐]  
*Technologies: Next.js, TypeScript, Tailwind CSS, shadcn/ui, Python, FastAPI, Cohere, PostgreSQL/pgvector*
  - Built and deployed a responsive portfolio and technical blog
  - Integrated a streaming RAG chatbot using Cohere embeddings and pgvector-based semantic search

## TEACHING EXPERIENCE

- **Teaching Assistant (TA)** Jan 2024 - Present  
*NTNU - Norwegian University of Science and Technology* Trondheim, Norway
  - TDT4140 - Software Engineering
  - TDT4100 - Object-Oriented Programming
  - TDT4180 - Human-Computer Interaction