

# Magnus Grini

Trondheim / Bekkestua, Norway | +47 949 77 151 | mgrini2003@gmail.com | magnusgrini.com

## Profile

Master's student in Artificial Intelligence at the Norwegian University of Science and Technology (NTNU) with a B.Sc. in Computer Science and strong interests in deep learning, evolutionary computation, optimization, and computational finance. My academic background includes both theoretical and applied AI, with experience in machine learning, probabilistic reasoning, bio-inspired methods, and visual computing. My upcoming master's thesis explores bio-inspired artificial intelligence for portfolio optimization in finance. Having lived 13 years in Canada, the United States, and the United Arab Emirates, I have developed strong cross-cultural communication skills and native fluency in English and Norwegian.

## Education

<b>M.Sc. in Artificial Intelligence</b>	2025–2027
Norwegian University of Science and Technology (NTNU)	
<b>B.Sc. in Computer Science</b>	2022–2025
Norwegian University of Science and Technology (NTNU)	

## Selected Coursework

Introduction to Machine Learning, Artificial Intelligence Methods, Bio-Inspired Artificial Intelligence, Introduction to Artificial Intelligence, Visual Computing Fundamentals, Programming Languages

## Technical Skills

**Programming:** Python, Rust, Java, JavaScript, C#, SQL

**Machine Learning / AI:** Neural Networks, LSTMs, Transformers, Supervised Learning, Unsupervised Learning, Gradient-Based Optimization, Dimensionality Reduction, Model Training and Evaluation

**Probabilistic / Symbolic AI:** Probabilistic Reasoning, Bayesian Networks, Rule-Based Reasoning, Case-Based Reasoning

**Evolutionary Computation / Optimization:** Evolutionary Algorithms, Genetic Algorithms, Memetic Algorithms, Bio-Inspired Optimization, Constrained Optimization, Combinatorial Optimization

**Applied Areas:** Financial Time-Series Analysis, Computational Finance, Computer Vision, Image Analysis, Augmented Reality Systems, Routing and Scheduling Problems

**Tools:** Unity, Git

## Languages

Norwegian	Native
English	Native
Spanish	A2
German	A2

## Portfolio

magnusgrini.com