Magnus Goltermann

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Education

University of Copenhagen **2024-present**
MSc. Computer Science (Current GPA 10.3/12)

- Finalist at the world championship in econometrics, representing the University of Copenhagen.
- Focusing on machine learning and AI.
- Relevant courses completed: Machine Learning A, Advanced Programming, Advanced Algorithms and Data structures, Deep learning, Online and Reinforcement learning.

University of Copenhagen **2021-2024**
BSc. Computer Science and Economics (GPA 11.1/12)

- 1st place in microeconomics B algorithmic game theory competition.
- Relevant courses completed: Discrete mathematics, linear algebra, numerical methods, high-performance programming, algorithms and data structures, databases and information systems, econometrics A and B, macroeconomics A and B, microeconomics A and B, statistics and probability.
- Exchange student at UW-Madison: ML for business analytics, Intro to AI, Object-oriented programming, and data science programming.

Borupgaard Gymnasium **2017-2020**
Upper secondary education

- GPA: 11.2/12. Focused on math, physics, and computer science.

Experience

Student Quantitative Analyst **Jan 2024 - Apr 2025**
Copenhagen Energy Trading

- Analyzing the European energy market using data science, while focusing on a trader's perspective.
- Developed advanced time series forecasting models using machine learning and deep learning techniques.
- Data engineering: Full flow from ingesting data from an API to making a model.
- Responsible for Excel spreadsheets across the company, from maintaining to implementing advanced features using VBA.

Teachers' Assistant (TA/Instructor) **2022-2023**
University of Copenhagen

- Taught PoP (Programming and Problem solving) and DMFS (Discrete Mathematics and Formel languages).
- Responsible for exercise classes for 30-100 students.

Technical skills

Programming languages and analysis tools: Python (4/5), PostgreSQL (4/5), VBA (4/5), Excel (4/5), C (3/5), Stata (2/5), Java (3/5), Git (3/5), Haskell (2/5), and F# (3/5).