MAGNUS HANSSON

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`http://magnushansson.xyz/`

EDUCATION

University of Gothenburg, Gothenburg *Expected 2023*
PhD in Financial Economics
First working paper: "Evolution of topics: What are central banks talking about?"
PhD course work in theoretical and empirical finance at Swedish House of Finance
Advisors: Erik Hjalmarsson and Andreas Dzemski
Teaching: BS in Finance thesis advisor
Teacher assistant: PhD Micro I, MS Financial Econometrics, MS Mathematics for Finance

Lund University, Lund *June 2017*
MS in Economics
Thesis: "On stock return prediction with LSTM networks"

Lund University, Lund *June 2017*
BS in Mathematics
Thesis: "Feedforward neural networks with ReLU activation functions are linear splines"

Jönköping University, Jönköping *June 2014*
BS in Economics
Thesis: "Do thicker labor markets produce more matches?"
Exchange semester at University of St.Gallen
Participant in Model UN at the United Nations New York
Scholarship for top 5% GPA
Swedbank scholarship for study achievements

EXPERIENCE

Combine Control Systems September 2017 - August 2018
Data science engineer *Gothenburg, Sweden*

- Analysis of 100 Hz engine data using artificial neural networks for virtual testing.
- Building a data analysis pipeline.

Jönköping University April 2016 - November 2016
Research Assistant *Remote*

- Programming of a GARCH-Copula framework in R.

Nordea Bank Summers 2012, 2013, 2014
Analyst *Gothenburg, Sweden*

- Summer analyst at corporate retail.

TECHNICAL STRENGTHS

Methods	Econometrics, Machine Learning, NLP, Numerical Analysis
Computer Languages	Python, Julia, R, Matlab, Bash, Stata
Tools	Linux/Unix, Vim, LaTeX