

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

TA: 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

Unix, Vim, LaTeX