Jonas Theill Bøjstrup

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Research interests

Empirical asset pricing, computer vision, deep learning, and financial beliefs.

Education

Feb 2025–summer 2027 (expected)
PhD in Economics, Aarhus University
Main supervisor: Jesper N. Wulff. Co-supervisor: Bezirgen Veliyev.

Sep 2023–Jan 2025
MSc in Economics (cand.oecon.), Aarhus University
Completed in three semesters.

2020–2023
BSc in Economics, Aarhus University

Research papers

From Pixels to Signals: Hierarchical Vision Transformers for Return Prediction
With Bezirgen Veliyev and Jesper N. Wulff. SSRN 6274640.

Decomposing Price Chart Signals in Return Prediction
With Bezirgen Veliyev and Jesper N. Wulff. SSRN 7119420.

Common Models, Different Beliefs: AI and Financial Disagreement
Sole-authored. Preliminary draft - work in progress.
Please do not cite. Comments welcome.

Teaching and supervision

Autumn 2025 & 2026
Machine Learning in Finance
Instructor; developed all course materials. Course website.

Macroeconomics
Teaching assistant, Economics programme, Aarhus University.

Supervised six master's theses and two internship reports.

Conferences and research visits

October 2026
SAFE, Goethe University Frankfurt
Research visit with Claes Bäckman.

2–4 Aug 2026
Aarhus Finance Forum, Aarhus
Presented From Pixels to Signals.

17–19 Jun 2026
SoFiE Annual Conference, University of Macau
Presented From Pixels to Signals; chaired Deep Learning for Financial Time Series.

6–7 Nov 2025
DGPE Workshop, Køge
Presented From Pixels to Signals.

25–26 Sep 2025
CoRE Retreat, Sandbjerg Gods
Presented Computer Vision Application in Financial and Energy Markets.

Doctoral courses and summer schools

5–7 Aug 2026
The Social Value of Financial Market Information
Philip Bond · Aarhus University

Sep 2025–
Jan 2026
Advanced Topics in Quantitative Economics
Supervised by Jesper N. Wulff · Aarhus University

29 Sep–
3 Oct 2025
Dynamic Stochastic Programming
Dong Li · Aarhus University

28 Jul–
1 Aug 2025
SoFiE Financial Machine Learning Summer School
Bryan Kelly, Dacheng Xiu, Semyon Malamud · Yale School of Management

16–18 Jun 2025
Responsible Conduct of Research
Aarhus University

31 Mar–
4 Apr 2025
Generative Modeling Summer School / Statlearn
Jes Frellsen, Pierre-Alexandre Mattei, Jakub Tomczak · Sophia Antipolis