PATRICK ALTMEYER

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RELEVANT EXPERIENCE

Bank of England **London, UK**

Economist 09/2018–09/2020
- Co-initiated and led the development of an analysis tool that is still used internally today.
- Co-authored two research papers, of which one was published as [staff working paper](#).
- Policy briefing work for the Monetary Policy Committee and Financial Policy Committee, which involved econometric data analysis, presentations and speaking notes.

EDUCATION

Delft University of Technology **Delft, NL**

Ph.D. Computer Science 09/2021–present
- Published research on Counterfactual Explanations, Predictive Uncertainty Quantification and Mechanistic Interpretability in top-tier venues: [ICML](#), [AAAI](#), [IEEE SaTML](#), [NAACL](#).
- Founded and maintained [Taija](#), an open-source software organization for Trustworthy Artificial Intelligence in [Julia](#). Presented at JuliaCon Global for three consecutive years.
- Supervised multiple bachelor's and master's theses on related research topics.

Barcelona School of Economics (BSE) **Barcelona, ES**

Master's Degree in Data Science, GPA 8.67/10 09/2020–08/2021
Dissertation: Deep Vector Autoregression for Macroeconomic Data (9.5)
Relevant modules: Machine Learning (9.0), Reinforcement Learning (10.0)

Master's Degree in Economics and Finance, GPA 9.03/10 (top student) 09/2017–08/2018
Barcelona School of Economics
Dissertation: Option Pricing in the Heston Stochastic Volatility Model (10.0)
Relevant modules: Financial Econometrics (10.0), Pricing Financial Derivatives (9.3)

The University of Edinburgh **Edinburgh, UK**

Master of Arts with Honours in Economics, First Class (among top three students) 09/2013–07/2017
Dissertation: Can misguided monetary policy explain the European housing bubble? (82%)
Honours modules: Economics of Financial Markets (86%), Adv. Mathematical Economics (79%), Behavioural Economics (71%), Economics of Asymmetric Information (74%)

LANGUAGES & SKILLS

Languages: German (native), English (fluent), Spanish (conversational), Dutch (conversational)
Selected Skills: Julia, R, Python, MATLAB, C++, SQL, git, Bash, Quarto, LaTeX

SELECTED AWARDS & HONOURS

- Full scholarship for master's in data science awarded jointly by Bank of England and BSE. (2020)
- Full scholarship for master's in economics and finance awarded BSE. (2017)
- Edinburgh University School of Economics Joint Prize for the best performance in Economics. (2017)
- School of Economics Prize for academic excellence in Economics. (2014)
- Recipient of Deutschlandstipendium. (2012)

REFERENCES

Available upon request.