FABIAN ROEBEN

PhD Candidate in Economics

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RESEARCH INTERESTS

Fields: Economics of AI, behavioral economics, financial economics

Methods: Machine learning, textual methods, large language models, panel data, survey data

CURRENT POSITIONS

2021 –	**Teaching & Research Assistant**, University of Cologne Chair of Christopher Roth	Cologne, Germany
2021 –	**Research Fellow**, ECONtribute: Markets & Public Policy	Cologne / Bonn, Germany

EDUCATION

2020 –	**PhD Economics**, University of Cologne Supervisors: Christopher Roth and Tom Zimmermann	Cologne, Germany
	Research visit, 2024, FAIR Norwegian School of Economics	Bergen, Norway
	Research visit, 2023, International Monetary Fund	Washington D.C., U.S.
2019 – 2020	**MA Philosophy** (distinction), University College London Thesis on the moral legitimacy of nudging as a policy instrument	London, U.K.
2017 – 2019	**MSc Finance**, Stockholm School of Economics Thesis on the impact of shareholder activism on firms' ESG performances	Stockholm, Sweden
2013 – 2017	**BSc International Business** (top 5%), Maastricht University Thesis on the optimal call policy of convertible bonds	Maastricht, Netherlands
	Visiting student, 2016-17, Tecnológico de Monterrey (ITESM)	Guadalajara, Mexico

SELECTED RESEARCH

Macroeconomic Expectations and Household Types: Evidence from Panel Data

Summary: Using consumer expectations data, I show that households have systematically different subjective models of the macroeconomy. This differentially affects economic decisions, such as planned consumption.

Language Customization and the Market for News
(with Felix Chopra, Ingar Haaland, Christopher Roth, and Vanessa Sticher)

Summary: We study individual preferences in news consumption through a specially designed website and app that uses a system of Large Language Models to enable users to customize news articles.

Unraveling Sovereign Risk: Narrative Evidence from Earnings Calls (with Nicolas Röver)

Summary: Based on financial text data, we measure investor expectations towards sovereign bond markets and find that bond prices are often driven by unfounded investor pessimism, not economic fundamentals.

Digging Deeper into The Impact of Capital Flow Management: Evidence from A New Dataset
(with Dimitre Milkov and Niamh Sheridan)

Summary: We investigate the intensity of capital controls and their effectiveness in influencing capital flows across borders. This analysis is based on a new hybrid – quantitative and text – dataset created by the IMF.

CONFERENCES & SUMMER SCHOOLS

Workshop in AI+Economics (ETH & University of Zürich); Economics of AI (IESE Business School); ECONtribute Young Economist Workshop (University of Cologne Cologne); Bonn-Frankfurt-Mannheim PhD Conference (Goethe University); YEP Seminar (University of Cologne); IMPRS MPI Summer School (Max Planck Institute); Experimental Finance Summer School (University of Bonn)

WORK EXPERIENCE

Professional

2023	**Research Intern** (FIP), International Monetary Fund, 3 months	Washington D.C., U.S.
2018 – 2019	**Analyst**, IK Partners (private equity), 8 months, part-time	Stockholm, Sweden
2018	**Summer Trainee**, Kearney (consulting), 2 months	Berlin, Germany
2017	**Finance Intern**, Rocket Internet (venture capital), 6 months	Berlin, Germany
2015	**Controlling Intern**, Deutsche Telekom (telecommunications), 4 months	Bonn, Germany

Teaching

2024 –	**Lecturer**, Applied Econometrics, undergraduate	Cologne, Germany
2024 –	**Lecturer**, Survey Methods, graduate	Cologne, Germany
2022 –	**Lecturer**, Experimental Methods, graduate	Cologne, Germany
2022 –	**Thesis supervisor**, Economics, 4 x graduate	Cologne, Germany
2018	**Teaching assistant**, Corporate Finance, graduate	Stockholm, Sweden
2015	**Tutor**, Finance I, undergraduate	Maastricht, Netherlands

VOLUNTARY WORK

2021 – 2023	**Co-organizer**, ECONtribute Young Economist Workshop (annually)	Cologne, Germany
2018 – 2019	**Student Ambassador**, Stockholm School of Economics	Stockholm, Sweden
2017 – 2019	**Event Manager**, Study Association (SASSE)	Stockholm, Sweden
2014 – 2015	**Treasurer**, Study Association (SCOPE)	Maastricht, Netherlands

MISCELLANEOUS

Data analysis	Python, R, EViews, SPSS, Excel	
Databases	Refinitiv Eikon, Haver Analytics, CEIC, S&P Capital IQ, Mergermarket	
Markup	LaTeX, Markdown, Jupyter Notebook	
Other	Git, JavaScript/TypeScript, Tailwind CSS	
Online courses	"Financial Programming and Policies I" – International Monetary Fund	[Certificate]
	"Financial Programming and Policies II" – International Monetary Fund	[Certificate]
	"Data Analysis with Python" – Codeacademy	[Certificate]
	"Natural Language Processing with Python" – Codeacademy	[Certificate]
	"Machine Learning: Clustering with K-Means" – Codeacademy	[Certificate]
	"ChatGPT Prompt Engineering for Developers" – DeepLearning.AI & OpenAI	
Languages	Fluent German and English, Conversational Spanish, Basic Dutch and Swedish	
Test results	GMAT: 730 (P_{96}), GRE: V164 (P_{94}) / Q162 (P_{79}), TOEFL: 115 (P_{98})	
Personal info	German citizen, born 17/04/1994 in Cologne, Germany	