Tobias Müller

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Education

M.A. Economics, *Magna Cum Laude* — Sep 2020 – May 2024
University of Zurich — *Zurich, Switzerland*

- Major in Economics, with a focus on International and Empirical Macroeconomics and International Financial Markets.
- Minor in Data Science, with a focus on Machine Learning and Advanced Statistics.
- Master's Thesis: *Risk Sharing in Monetary Unions*; empirical analysis of European capital market integration using ECB and Eurostat data.

B.Sc. Economics — Oct 2016 – Jul 2020
University of Cologne — *Cologne, Germany*

- Focus on Financial Markets and Growth and Development Economics.
- Bachelor's Thesis: *Mixture Models and the EM-Algorithm*.
- Semester abroad at ITAM, Mexico City, Mexico.

Professional Experience

PhD Candidate in Microeconomics — Sept 2026 – Present
Department of Economics, University of Fribourg — *Fribourg, Switzerland*

- Enrolled in PhD coursework through the Swiss Doctoral Program in Economics, B-Track, hosted at the University of Zurich (starting September 2026).
- Teaching assistant for Microeconomics I at Uni Fribourg.

Research Associate — Oct 2025 – Present
Department of Business Administration, University of Zurich (Prof. Thomas Rauter) — *Zurich, Switzerland*

- Contributed to the *Corporate Footprints Project*, developing spatially explicit measures of firms' environmental impacts by linking corporate, geospatial, and environmental data at global scale.
- Built and maintained Python- and SQL-based workflows for data collection, cleaning, validation, and documentation in collaborative GitHub-based research environments.
- Supported empirical research on firms' locations, ownership structures, and environmental exposure at the intersection of environmental economics, finance, and spatial analysis.
- Integrated and harmonized large datasets from corporate, policy, and scientific sources, including Orbis, WRDS, OECD, IMF, Climate TRACE, and EDGAR.

Trainee — Sep 2024 – Jan 2025
European Investment Bank — *Berlin, Germany*

- Supported public lending and country office work related to major German infrastructure and public-sector financing operations.
- Reviewed financial statements, projections, and other credit-relevant materials for large public-sector entities.
- Prepared briefing notes and analytical material on German economic and policy developments for internal meetings and senior staff.
- Supported external engagement and attended briefings at the German Federal Ministry of Finance ahead of EU ECOFIN meetings.

Teaching Assistant — Oct 2017 – Jun 2019
Department of Econometrics and Statistics, University of Cologne — *Cologne, Germany*

- Taught undergraduate tutorials in Statistics, Econometrics, and Probability Theory for classes of up to 100 students.

Technical Skills

Programming: Proficient in Python, SQL, Stata, R, Matlab, LaTeX
Quantitative Methods: Econometrics, applied statistics, panel data analysis, time-series analysis
Research & Data: Large-scale data integration, data cleaning and harmonisation, API-based data collection, validation, reproducible workflows, publication-ready tables and figures
Languages: German, English, Spanish (fluent); French (basic)