

JOHANNES MAXIMILIAN RENZ

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EDUCATION

Research Master Data Science (MPhil)

08/2024 – current

Tinbergen Institute Joint Degree:

Amsterdam, NL

Erasmus University Rotterdam, University of Amsterdam, Vrije Universiteit Amsterdam

- Expected to graduate 08/2026, on track for distinction
- Awarded scholarship of 19500€ for performance in first year courses
- Focus: Econometrics, Machine Learning, Deep Learning, Big Data, NLP, Statistics, Mathematics

Bachelor Philosophy & Economics

10/2020 – 03/2024

Universität Bayreuth

Bayreuth, DE

- Final Grade: 1.6, Thesis: 1.0
- Focus: Econometrics, Statistics, Analytical Thinking, Political Philosophy, Natural Language Processing

Erasmus Exchange

09/2022 – 01/2023

Università degli Studi di Milano

Milan, IT

PROFESSIONAL EXPERIENCE

McKinsey & Company

03/2024 – 08/2024

Intern in Research: German Economics and Businesses

Düsseldorf, DE

- Conducted comprehensive data analyses and case study evaluations to support client projects across various sectors including public, private, and social
- Contributed to internal and external publications through data visualization and macroeconomic research and modeling
- Independently created comparative economic studies for international markets

ifo Institute for Economic Research, Center for the Economics of Innovation and Digital Transformation

01/2023 – 02/2024

Research Intern, retained as Research Assistant

Munich, DE

- Natural Language Processing Approaches including:
 - (Pre)processing of Text Data
 - Topic Modeling using BERT
 - Development of LLM using the spaCy library
- Data Processing and Analysis in Python, R and STATA
- Application of Econometric Methods to identify Causal Effects in Panel Data
- Explorative literature research
- Active Participation in Conferences and Seminars

Universität Bayreuth, Chair of Empirical Economics (Prof. Larch)

04/2023 – 08/2023

Teaching Assistant Econometric Theory and R

Bayreuth, DE

Universität Bayreuth, Chair of Global Political Economy (Prof. Milewicz)

08/2022 – 09/2022

Research Assistant

Bayreuth, DE

PointTEC Electronic GmbH

09/2019 – 08/2020

Sales Administration Assistant

Ismaning, DE

- Diverse Office Tasks
- Data Administration in Internal Data Management Systems

PROJECTS

- Hashtags and Hardliners: Influence of Right-wing populists on Party Language** Work in Progress
Co-Author with Dr. Annali Casanueva-Artis, Dr. Anna Kerkhof, Nikola Noske, Prof. Helmut Rainer
- Looking Past the Glass Ceiling Through the Glassdoor: Gender Differences in CEO Dismissal** Bachelor Thesis
Chair of Empirical Economics (Universität Bayreuth) Prof. Larch + Chair of Innovation Economics (ifo @ LMU Munich) Dr. Alipour. Grade: 1.0 (Best)
- Talking Monetary Policy: Are Central Banks communicating what they should? A NLP Analysis** Blog
Chair of Ethics (Universität Bayreuth) Prof. Thoma

SKILLS

Programming

Python (incl. torch, numpy, spacy, matplotlib, ...), R, Stata

Data Science

Causal Inference, Machine Learning, Deep Learning, Natural Language Processing, Data Visualization & Communication

Tools

Github, bash, Excel, Word, PowerPoint, Outlook, LaTeX

LANGUAGES

German - Native, English - C1, Latin - Latinum, Ancient Greek - Graecum

VOLUNTEERING

- | | |
|---|-------------------|
| Student Council, <i>Tinbergen Institute</i> | 10/2024 – current |
| Camp to aid people with disabilities, <i>Order of Malta</i> | 08/2024 |
| Youth Ambassador, <i>The ONE Campaign</i> | 03/2022 – 03/2024 |
| Member of the Students Parliament, <i>University of Bayreuth</i> | 03/2022 – 09/2022 |
| Co-Organization of Conference on Ethics of AI, <i>Evangelische Akademie Tutzing</i> | 11/2021 – 12/2021 |
| Student Mentor, <i>Universität Bayreuth</i> | 10/2021 – 06/2022 |
| Head for Material & Logistics, <i>Volt Germany</i> | 02/2020 – 11/2021 |
| Head of Marketing, <i>bayreuther dialoge</i> | 11/2020 – 11/2021 |

CONFERENCES

- | | |
|---|---------|
| 6th Economics of Media Bias Workshop, ifo Institute, <i>Attendance and organization</i> | 03/2023 |
| CESifo Conference on Environmental Economics, ifo Institute, <i>Attendance</i> | 03/2023 |
| CESifo Conference on Public Economics, ifo Institute, <i>Attendance</i> | 03/2023 |
| National Model United Nations New York, <i>Honorable Mention Award</i> | 04/2022 |
| Model United Nations KU Leuven, <i>Best Delegate Award</i> | 03/2022 |

HOBBIES

Chess, Running, Hiking, Skiing, Volleyball, Photography