MARCUS ANDREAS ROESCH

CURRICULUM VITAE

PROFILE

📅 03 February 1994

○ github.com/mrcsrsch

TECHNICAL SKILLS

R 4+ yrs

Python 2+ yrs

SQL 1+ yrs
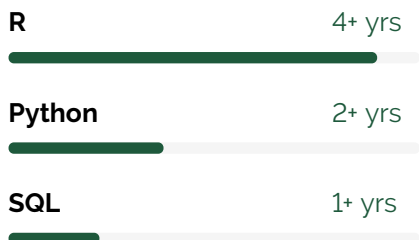
SKILLS & INTERESTS

- German (native), English (full professional), Dutch (advanced), Spanish (elementary)
- Tennis and biking
- Art, music, and movies

LINKEDIN PAGE

WORK EXPERIENCE

Researcher

Erasmus University Rotterdam

Rotterdam, the Netherlands

Sep '19 - Aug '24

- Conducted data-driven research on multinational companies' impacts on local labor markets, using applied econometric methods (causal inference; regression frameworks)
- Presented at various international conferences
- Organized research seminars
- Taught MSc courses in Economics
- Mentored > 40 thesis projects

Statistical Researcher

Centraal Bureau voor de Statistiek (Statistics Netherlands)

Heerlen, the Netherlands

Nov '19 - Aug '24

- Used R, Python and SQL to manage and analyze datasets > 100M rows
- Implemented and applied methods from causal inference (difference-in-differences, matching, instrumental variables); network econometrics; and unsupervised machine learning (clustering)

Several Research Assistant Positions

University of Konstany, Ifo Institute, Copenhagen Business School

Konstanz and Munich, Germany; Copenhagen, Denmark

Nov '15 - Jun '17

- Analyzed and visualized economic data, and assembled datasets on political and financial topics

EDUCATION

Erasmus University Rotterdam / Tinbergen Institute

Ph.D. Economics

2024

Research visit to Bocconi University, Italy

Tinbergen Institute Research Qualification with focus "Econometrics and Statistics". Electives: Supervised Machine Learning, Unsupervised Machine Learning, Deep Learning, International Economics, Global Value Chains, Macro Labor, Behavioural Economics, Economic Policy

CERTIFICATES

2024

Machine Learning for Business
Business Data Science Graduate program Amsterdam

Deep Learning
Business Data Science Graduate program Amsterdam

2023

SQL
Beeckestijn Business School Utrecht

Econometrics of Networks
Vrije Universiteit Amsterdam

2022

Foundations of Data Analysis and Machine Learning in Python
Business Data Science Graduate program Amsterdam

Firm Dynamics and Economic Growth
Center for Monetary and Financial Studies Madrid

EXTRA-CURRICULARS

Oct '18 - Aug '19

Volunteer
Erasmus Student Network Bonn

Dec '17 - Jun '18

Volunteer
Erasmus Student Network Utrecht

Mar '15 - Mar '17

Volunteer
Erasmus Student Network Konstanz

Jun '14 - Dec '16

Varsity Rowing Team
RV Neptun Konstanz

Utrecht University   2018
M.Sc. Law and Economics
with distinction 'cum laude'

Master Thesis Award 2017-2018
Finalist at European Competition Law Moot Court, King's College, UK

University of Konstanz   2017
B.Sc. Economics
with distinction 'very good'

Exchange semester at Copenhagen Business School, Denmark

PUBLICATIONS

Rösch, M., Gerritse, M., & Karreman, B. (2024). Careers in Multinational Enterprises *Tinbergen Institute Working Paper (No. 24-005/V)*.

Rösch, M., Gerritse, M., Karreman, B., van Oort, F., & Loog, B. (2022). Do firms or workers drive the foreign acquisition wage premium? *Tinbergen Institute Working Paper (No. 22-014/V)*.

Potrafke, N., Rösch, M., & Ursprung, H. (2020). Election systems, the "beauty premium" in politics, and the beauty of dissent. *European Journal of Political Economy*, 64, 101900.

INTERNATIONAL CONFERENCE PRESENTATIONS

2024

International Association for Applied Econometrics Annual Conference
Xiamen, China

2023

International Economic Association World Congress
Medellín, Colombia

Urban Economics Association Meeting
Toronto, Canada

Meeting of the European Economic Association and the Econometric Society
Barcelona, Spain

International Association for Applied Econometrics Annual Conference
Oslo, Norway

2022

European Trade Study Group Meeting
Groningen, the Netherlands