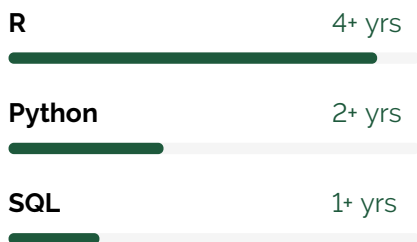




## PROFILE

- 03 February 1994
- Essenburgsingel 76C  
3022 EC Rotterdam
- [github.com/mrcrsrsch](https://github.com/mrcrsrsch)
- +31 (0) 683 026 118
- [marcus.a.roesch@gmail.com](mailto:marcus.a.roesch@gmail.com)

## TECHNICAL SKILLS



## SKILLS & INTERESTS

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

## LINKEDIN PAGE



# MARCUS ANDREAS ROESCH

## CURRICULUM VITAE

## 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 Konstanz, 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

#### 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

2018

### University of Konstanz

#### B.Sc. Economics

with distinction 'very good'

Exchange semester at Copenhagen Business School, Denmark

2017

## 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