

# Daniel A. Fisch

✉ daf53@cantab.ac.uk |  daniel-fisch |  daniel-a-fisch.github.io | 📍 Barcelona, Spain

## EDUCATION

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### Barcelona School of Economics

*Master in Economics (jointly with Universitat Pompeu Fabra)*

Barcelona, Spain

09/2023 – present

### University of Cambridge

*Master of Advanced Studies in Applied Mathematics*

Cambridge, United Kingdom

09/2022 – 07/2023

- **Thesis:** Predicting Opinion Phases in the Hegselmann-Krause Model
- **Seminar Talk:** Mathematical Modeling of Opinion Dynamics

### University of Goettingen

*Bachelor of Science in Physics*

Goettingen, Germany

09/2019 – 08/2022

- **Thesis:** Analytical Framework for Modeling Bus Occupancy Dynamics in Ride Pooling Systems
- Year abroad at **University of Edinburgh** (2020/21)

### Zeppelin University

*Studium Generale*

Friedrichshafen, Germany

09/2018 – 05/2019

## SCHOLARSHIPS & AWARDS

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### UniCredit Foundation Masterscholarship

09/2023 – present

One of eight merit-based full scholarships for graduate students in Economics at the most prestigious universities in Europe

### German Academic Scholarship Foundation (Studienstiftung d. dt. Volkes)

03/2019 – present

Merit-based scholarship with accompanying interdisciplinary seminars, language courses and summer schools

### German Academic Exchange Service (DAAD)

09/2022 – 07/2023

Merit-based full scholarship for MAST in Applied Mathematics at the University of Cambridge

### Erasmus+ scholarship

09/2020 – 05/2021

Scholarship for year abroad at the University of Edinburgh

Member of **Toennissteiner Studierendenforum** (part of Toennissteiner Kreis, sponsored by DAAD) for interdisciplinary and international project work on current economic and political issues (since 2021)

Laureate of and admittance to the **Glemser Foundation For Future Excellency** (2018)

Award of the **German Physical Society** (DPG) for achievements in the German high school Abitur (2018)

**Junior World Champion** (2016, Moscow, RU) and **Junior Club World Champion** (2015, Račice, CZ) in Dragon Boat Paddling

## RESEARCH & TEACHING EXPERIENCE

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### Max Planck Institute for Dynamics and Self-Organization

Goettingen, Germany

*Research Assistant*

04/2022 – 10/2022

- Department: Dynamics of Complex Fluids of Prof. Stephan Herminghaus
- Researching in the group on physics of social systems on my bachelor's thesis about ride pooling dynamics

### University of Goettingen

Goettingen, Germany

*Teaching Assistant: Theoretical Quantum Mechanics*

04/2022 – 10/2022

- Working with students to help them understand key concepts of mandatory theoretical Quantum Mechanics course
- Preparing and teaching classes in groups of 20 students, marking assignments and the final exam

### Zeppelin University

Friedrichshafen, Germany

*Teaching Assistant: Mathematics*

01/2019 – 05/2019

- Teaching a brush-up course and workshop in Mathematics

## PROFESSIONAL EXPERIENCE

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### Boston Consulting Group

Vienna, Austria

*Visiting Associate, received offer to return full-time*

02/2022 – 04/2022

- Working on a large-scale corporate reorganization of a triple-A client (DAX40) in the energy equipment sector
- Leading data analysis workstream and coordinating two support staff
- Analyzing organizational KPIs, independently carrying out client meetings, specifying design of the operating model

### Ernst & Young

Frankfurt a. M., Germany

*M&A EMEA Strategy and Transactions Intern*

06/2021 – 09/2021

- Involved in both, buy- and sell-side projects
- Building a valuation model for a FinTech, performing peer group analyses, creating several pitch decks

## LANGUAGES, TECHNICAL SKILLS & ACTIVITIES

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**Languages:** German (Native), English (Fluent – C2), French (Intermediate – B1), Spanish (Basic – A2), Latin

**Programming & Tools:** Python (incl. machine learning libraries), Julia, R, Matlab, C, Stata, LaTeX, Git, Alteryx, Tableau

**Activities:** Rowing and dragon boat paddling, sailing and surfing, road cycling and bikepacking, cello and double bass