# Daniel Fisch

Nationality: German          Email: daf53@cantab.ac.uk

## EDUCATION

**Barcelona School of Economics**                                                      **Barcelona,**
MSc in Economics (jointly: Universitat Pompeu Fabra, Universitat Autònoma de Barcelona)          **Spain**
- Winner of the 13th Masterscholarship competition by **UniCredit Foundation** (eight full scholarships for Master programs in economics at the most prestigious universities in Europe) and additional scholarship for studies abroad by the **German Academic Scholarship Foundation**          09/2023 – present
- Relevant courses: Econometrics, Microeconomics, Macroeconomics, Network Theory

**University of Cambridge**                                                             **Cambridge,**
MASt in Applied Mathematics (First-Class Honours degree)                               **United Kingdom**
- Merit-based full scholarship by **German Academic Exchange Service** (DAAD)          09/2022 – 07/2023
- Relevant courses: Stochastic Processes, Statistical Field Theory, Theoretical Physics of Soft Condensed Matter, (Advanced) Quantum Field Theory, General Relativity
- Seminar talk: Mathematical Modeling of Opinion Dynamics
- Thesis: Predicting Opinion Phases in the Hegselmann-Krause Model

**University of Goettingen**                                                           **Goettingen,**
BSc in Physics (1.0 with Distinction)                                                  **Germany**
- Year abroad at **University of Edinburgh** (2020/21) supported by **Erasmus+ scholarship**          09/2019 – 08/2022
- Relevant courses: Mathematics I-III, Complex Systems, Machine Learning Hands-On
- Thesis: Analytical Framework for Modeling Bus Occupancy Dynamics in Ride Pooling Systems

**Zeppelin University**                                                                **Friedrichshafen,**
Studium Generale (1.3, top 5%)                                                         **Germany**
- **Teaching assistant** (2019): Teaching a brush-up course and workshop in mathematics          09/2018 – 05/2019
- Relevant courses: Philosophy of Science, Fundamentals of Law, Polity, Politics & Policy

## AWARDS

- Member of **Toenissteiner Studierendenforum** (part of Toenissteiner Kreis, sponsored by DAAD) for interdisciplinary and international project work on current economic and political issues (since 2021)
- Merit-based scholarship of the **German Academic Scholarship Foundation** (since 2019) with accompanying interdisciplinary seminars and summer schools
- Laureate of and admittance to the **Glemser Foundation For Future Excellency**
- Award of the **German Physical Society** (DPG) for achievements in the German high school Abitur (2018)
- **Friedrich Magnus Schwerd Award** (Lions Club Speyer) for academic performance and social commitment (2016)
- **Junior World Champion** (2016) and **Junior Club World Champion** (2015) in Dragon Boat Paddling

## WORKING EXPERIENCE

**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 for physics of social systems on my Bachelor's thesis about ride pooling dynamics

**University of Goettingen**                                                           **Goettingen, Germany**
Teaching Assistant                                                                     04/2022 –10/2022
- Working with students to help them understand key concepts of mandatory Quantum Mechanics course
- Preparing and teaching classes in groups of 20 students, marking assignments and the final exam

**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 EMEIA 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

## ACTIVITIES, LANGUAGES & TECHNICAL SKILLS

- **Activities:** Rowing and paddling, sailing and surfing, road cycling and bikepacking, cello and double bass
- **Languages:** German (Native), English (Fluent), French (Basic), Spanish (Basic), Latin
- **Programming languages:** Python, Julia, R, Matlab, C, Stata
- **Tools and Scripts:** Latex, Git, MS Office, Alteryx, Tableau