DANIEL A. FISCH

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EDUCATION

Barcelona School of Economics — Barcelona, Spain
Master in Economics (jointly with Universitat Pompeu Fabra) — *09/2023 – 07/2024*
- **Thesis:** Wage Rigidities in the Northern Italian Labour Market – ***Published:*** *hdl.handle.net/10230/68457*
- **Unpublished Projects:** A Networked Bounded Confidence Model For Opinion Dynamics;
  Influence of External Factors like Homophily on the Outcomes in Pure Coordination Games on Dynamical Networks

University of Cambridge — Cambridge, United Kingdom
Master of Advanced Studies in Applied Mathematics — *09/2022 – 07/2023*
- **Thesis:** Predicting Opinion Phases in the Hegselmann-Krause Model
- **Seminar Talk:** Mathematical Modeling of Opinion Dynamics

University of Goettingen — Goettingen, Germany
Bachelor of Science in Physics — *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 — Friedrichshafen, Germany
Studium Generale — *09/2018 – 05/2019*

Gymnasium am Kaiserdom — Speyer, Germany
German High School Abitur — *08/2009 – 03/2018*

SCHOLARSHIPS & AWARDS

German Academic Scholarship Foundation (Studienstiftung d. dt. Volkes) — *03/2019 – 07/2024*
Merit-based scholarship with accompanying interdisciplinary seminars, language courses and summer schools

UniCredit Foundation Masterscholarship — *09/2023 – 07/2024*
One of eight merit-based full scholarships for graduate students in Economics at the most prestigious universities in Europe

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 **Toenissteiner Studierendenforum** for interdisciplinary project work on current economic and political issues (*since 2021*)

Edward Daniel Clarke Award of Jesus College Cambridge for the most impressive travel project: Cycling the North Coast 500 (*2023*)

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

Junior World Champion (*2016*, Moscow, RU) and **Junior Club World Champion** (*2015*, Račice, CZ) in dragon boat paddling

RESEARCH & TEACHING 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 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*
- Teaching classes in groups of 20 students about key concepts of Quantum Mechanics, 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 for first-year undergraduate students

PROFESSIONAL EXPERIENCE

QuantCo — London, United Kingdom
Data Scientist — *Since 11/2024*
- Training of machine learning models and data analysis for a private health insurance company

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, independently carrying out client meetings

Ernst & Young — Frankfurt a. M., Germany
M&A EMEIA Strategy and Transactions Intern — *06/2021 – 09/2021*
- Building a valuation model for a FinTech, performing peer group analyses, creating several pitch decks

LANGUAGES, TECHNICAL SKILLS & ACTIVITIES

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

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

Activities: Running, road cycling and bikepacking, rowing and dragon boat paddling, sailing and surfing, cello and double bass