

Michael Fehl

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Nationality: American

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EDUCATION

Barcelona School of Economics

Master Program in Economics & Finance

Relevant courses: Applied Econometrics, Advanced Panel Data Methods, Networks & Algorithms, Experimental Economics, Nonparametric Methods & Distributional Analysis, Advanced Techniques in Applied Economics, Geospatial DS & Economic Spatial Models
Degree awarded by Universitat Pompeu Fabra and Universitat Autònoma de Barcelona

Barcelona, Spain

09/2025– 07/2026

University of North Carolina at Chapel Hill

Bachelor of Science in Economics

Philosophy, Politics, & Economics (PPE) Minor

Chapel Hill, USA

08/2019– 05/2023

PROFESSIONAL EXPERIENCE

Duke University

Research Assistant

Durham, USA

06/2024–01/2025

- Imported & cleaned raw economic data from BEA and FRED using R to model industry profit trends
- Investigated key trends of important macro indicators during recessions & expansions in Excel & R
- Designed interactive dashboards that dynamically display updated macro indicators and corporate profits
- Developed automated tables in Excel that refreshes new macro data and dynamically updates charts.

University of North Carolina at Chapel Hill

Researcher

Chapel Hill, USA

02/2024– 04/2024

- Analyzed a data set with over 32,000,000 observations using various machine learning methods
- Accurately predicted customer repurchasing behavior in R with a boosting model accuracy of 88.4%
- Presented model results & ideal hyperparameter tunings using heat maps, bar graphs, and line graphs

University of North Carolina at Chapel Hill

Independent Researcher

Chapel Hill, NC

07/2023– 08/2023

- Modeled regressions in STATA on DHS panel data to predict health outcomes of women & children
- Found evidence that a new family planning policy was effective in increasing modern contraceptive usage

LANGUAGES & TECHNICAL SKILLS

Language skills: English (Native), Spanish (Intermediate)

Technical skills: R, Excel, STATA, Microsoft Suite, MATLAB

ADDITIONAL INFORMATION

- Systematic Literature Review Volunteer, Water Institute, University of North Carolina at Chapel Hill, 2024
Read, filtered, and sorted systematic literature relevant to WASH research focuses
- Volunteer, Carolina Covid Service Corps, University of North Carolina at Chapel Hill, 2021
Administered free COVID-19 testing services to thousands of students on campus during the pandemic
- Research interests: Applied Microeconomics, Health Econometrics, Machine Learning for Econometrics