William Harry Burton

PERSONAL DETAILS

Email: wb@williamburton.eu Languages: English (Native), German (Native)

Danish (Proficient), Dutch (Proficient)

SKILLS

Optimal Static and Dynamic Pricing, Market Entry Analysis, Demand Estimation, Network Optimisation, Economics-Based Data Science

PROFESSIONAL EXPERIENCE

Data Scientist

Jul. 2025 -Toronto, Canada

Uber

Team: UberX Share

Projects: Continuous improvement of global pricing methodology; Design,

 $implementation \ \mathcal{C}$ analysis of various pricing experiments

ACADEMIC BACKGROUND

PhD in Economics

Jun. 2025

KU Leuven

Leuven, Belgium

 $The sis: \ Competititon \ in \ Transportation \ Markets$

Projects: Dynamic Pricing of Passenger Train Tickets with Cancellations, Airline Pricing Responses to Localized Cost Shocks, Difference-in-Differences (DiD) Methodology

Master of Advanced Studies in Economics

Sep. 2020

KU Leuven

Leuven, Belgium

Thesis: Estimating Demand for Price- and Travel-Time-Certainty in Transportation Markets

Master of Science in Economics

Aug. 2019

University of Vienna

Vienna, Austria

Thesis: Dynamic Pricing when Price Adjustments are Costly

Bachelor of Science in Economics

Aug. 2017

University of Vienna

Vienna, Austria

OTHER EXPERIENCE

Data ScientistMar. 2020 - Dec. 2021Complexity Science HubVienna, Austria

Team: Complexity Economics

Research Assistant Oct. 2017 - Jun. 2019 University of Vienna Vienna, Austria

 ${\bf Team:}\ Department\ of\ Economics$

Advisor Sep. 2018 - Aug. 2019 Federal Economic Chamber of Austria (WKÖ) Vienna, Austria

Team: Economic Policy Department

PROGRAMMING

Data Analysis:

Numerical Computing:

Data Management:

Python, R

Julia, Python

SQL, NoSQL