

David Bradley Ph.D.

+1 (612) 205 7800 • davidby332@gmail.com
Citizenship: U.S. Permanent Resident & U.K. Citizen

Education

University of Minnesota

PhD Economics

Minneapolis, MN

2013–2019

- Creating quantitative models to predict the effects of changing immigration policy on labor markets and U.S. fiscal policy.
- Utilizing econometric methods to analyze and estimate workers' substitutability by educational attainment and country of education using large scale census data.

University of Minnesota

MA Economics, 3.4 GPA

Minneapolis, MN

2013–2016

- Identified and forecast the main drivers of the U.S business cycle using time series data.
- Analyzed cross-country data and performed statistical analysis to understand the linkages between international trade flows and fiscal policy.

University of Manchester

BS Economics with Econometrics and Finance, 1st Class Honors Degree

Manchester, England

2010–2013

- Completed extensive coursework in econometrics with applications to finance.
- Ranked in top 1% of class and received the Dean's Achievement Award.

Experience

Analysis Group

Associate - Health Care Litigation and Data Science

Boston, MA

2019–Present

- Managed teams of analysts in building models using large scale patient claims data to calculate damages in healthcare litigation.
- Collaborated on data science projects using NLP to analyze the similarity of patents by rival pharmaceutical companies.
- Developed machine learning training materials in Python and R.
- Built interactive dashboards for clients to understand opioid use across states and time.

University of Minnesota

Lead Instructor for Principles of Macroeconomics

Minneapolis, MN

2014–2019

- Collaborating and leading a team of 15 teaching assistants and instructors to create learning resources.
- Communicating these learning resources to over 700 students through seminars, lectures and online learning.
- Received the Distinguished Instructor Award 10 times, for obtaining a rating above 90% in student feedback evaluations.

Analysis Group

Summer Associate Consultant

Washington, D.C.

2017

- Provided theoretical analysis of monopolies in the technology industry as well as the interaction of firm structure and tax liability.
- Communicated the findings of these projects to upper level management and clients.

Economic Development Fellows Program at the University of Minnesota

Consultant

Minneapolis, MN

2017

- Provided statistical analysis and forecasts of future sales as part of pro-bono consulting services to a Minneapolis based medical device company to help complete the commercial section of a grant application.

Skills

Coding: Python, R, Matlab, STATA, SQL, Shiny, Dash, AWS, Google Cloud Platform

Certification: Coursera: Google Cloud Platform Big Data and Machine Learning Fundamentals

Languages: English - Native, French - Advanced, Spanish - Basic

Leadership

Royal Air Force

Officer Cadet

Formby, England

2010–2012

- Led expeditions for 30 cadets to Scotland and Wales to learn snow survival and outdoor pursuits skills.