

Matthew W. Thomas

ECONOMICS DOCTORAL STUDENT AT NORTHWESTERN UNIVERSITY

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Education

Northwestern University

PH.D. IN ECONOMICS

M.A. IN ECONOMICS

Evanston, IL

Sep 2017 - Present

Sep 2017 - Jun 2018

Williams College

B.A. IN MATHEMATICS AND ECONOMICS, GPA: 3.9, MAGNA CUM LAUDE

Williamstown, MA

Aug 2013 - June 2017

- Awarded Carl Van Dyne Prize (\$5,900) for thesis support based on excellence in economics and research
- Awarded Sentinels Fellowship (\$5,300) to fund research on the effect of nonprofits on high school graduation
- Proficient with programming in STATA, R, Python, SQL, Mathematica, and SAS through research and work experience – some experience with MatLab, and Julia

Experience

Northwestern University

TEACHING ASSISTANT

Evanston, IL

Sep 2018 - Present

- Graded, lectured, and prepared materials for two courses of Principles of Microeconomics
- Graded and held TA sessions for more advanced courses within the department

Charles Schwab

RETAIL ANALYTICS INTERN

Austin, TX

Summer 2016

- Answered data based questions from leadership teams through presentations with simple, easy to understand, and actionable insights
- Identified optimal target audience among four hundred thousand clients for a strategic marketing campaign
- Worked with very large datasets (ex. all trades placed through brokerage service in last 10 years) in SAS and SQL to describe and explain customer behavior
- Produced a simple tool with a team of fellow interns to drive recruitment and improve employee retention
- Organized networking events and research meetings for interns to discuss operations and current projects

Williams College

TEACHING ASSISTANT

Williamstown, MA

Sep 2015 - Dec 2016

- Provided lectures to students which made complex, graduate-level mathematics simple and approachable
- Provided essential, actionable insights to leaders of developing countries to bring home

RESEARCH ASSISTANT FOR PROF. MATTHEW GIBSON

Aug 2015 - Aug 2016

- Found effect of hours of sleep on fatal truck accidents with two regulation changes as policy experiments
- Wrote scripts to convert data frames and calendars between various formats in R and constructed 15 years worth of fatal truck collision data, temperatures, holidays, weather patterns, and vehicle safety features

STUDENT TECHNICAL CONSULTANT MANAGER

May 2014 - Jun 2017

- Manage a team of 40 students who provide software and hardware support for students, staff, and faculty
- Resolve technology and network problems while calming and reassuring panicked students

Bliss Integrated Communications

TECHNOLOGY AND SYSTEMS INTERN

New York, NY

Summer 2013

- Increased social media presence of clients by designing and implementing automated systems to engage with hundreds of thousands of customers in an effective and personable manner
- Created a searchable repository of previous work products so that they could be recycled for new projects
- Assisted in security measures to protect sensitive financial data for clients including BDO, Pfizer, Fidelity, and Columbia University Medical Center