SCOTT COHN

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EDUCATION

The University of Texas at Austin — Master of Arts, Economics — Expected May 2021
Focus: Quantitative methods and application

University of Massachusetts Amherst — B.S., Economics, GPA: 3.7 — May 2020
Secondary Major: Mathematics

Top Skills:

- Ability to communicate data analysis effectively and clearly across cross-functional teams
- Performing data analysis using SQL, R, Python, Stata, and Excel
- Causal Inference and Experiment Design
- Creating publication-quality static visualizations and interactive dashboards of data (Tableau, Shiny)

Relevant Courses: Causal Inference (G), Econometrics (G), Data Mining (G), Statistical Computing, Advanced Linear Algebra, Microeconomic Theory (G), Real Analysis, Experimental Economics (G), Differential Equations

EXPERIENCE

Santa Fe Institute (SFI) – Graduate Student *Researcher;* Santa Fe, NM — June 2019 – Present
Research institute dedicated to the study of complex adaptive systems

- Used a difference-in-differences strategy to disentangle the causal impact of economics education from selection effects
- Cleaned data and created visualizations in R for paper on modeling methodology published in *Econometrica* (a top-5 publication)
- Used text-mining techniques in R to contrast patterns in the frontiers of economic literature and textbook material
- Co-authored a research paper showing economics instructors how to teach new models of inequality

SFI and Department of Economics, Smith College – *Graduate Research Assistant;* Northampton, MA — May 2018 – Dec 2020
Forthcoming intermediate microeconomics textbook published by Oxford University Press

- Created static and interactive visualizations of economic models with R, HTML, and YAML
- Wrote supplemental math materials for use by university instructors and students to facilitate understanding
- Replicated academic papers using source code for purpose of creating graphics to be used in a textbook

Department of Resource Economics, University of Massachusetts Amherst – *Research Assistant;* Amherst, MA — May 2017 – May 2019

- Presented interdisciplinary literature reviews at regular lab meetings
- Presented research on consumer behavior related to solar panel adoption at conferences
- Wrote Stata code that performed maximum likelihood estimation to understand consumer behavior
- Verified self-reported health data with primary care providers for use in economic experiments

AmeriCorps – *City Year Volunteer (M.S. 302 — South Bronx)* — Fall 2015 – Spring 2016

- 1700 Community service hours teaching middle 6th grade math and ELA
- Organized a school-wide debate club that enabled 6-8th graders to research and present on open questions

ACADEMIC PROJECTS

Master's Thesis – Effects of Decriminalization of Sex Work on Local Real Estate and Crime – *Ongoing* — Spring 2021

- Constructed a spatial difference-in-difference hedonic pricing model using quasi-experimental data
- Estimated causal effects of decriminalization on real estate pricing and local crime levels

Undergraduate Honors Thesis – Effects of the Degree of Belonging on Local Public Goods Provision — Spring 2020

- Distilled interdisciplinary body of research into specific and answerable research question
- Project received Institutional Review Board (IRB) approval

LEADERSHIP EXPERIENCE AND ACTIVITIES

Honors/Awards — May 2020

- Department of Resource Economics Outstanding Leadership and Service Award, Dean's List, CORE/Teagle Fellow

Learning Resource Center, University of Massachusetts Amherst – *Academic Tutor* — Fall 2017 – Spring 2020

- 1-on-1 tutor for upper-level math and economics courses
- Selected courses: Differential Equations, Mathematical Statistics I & II, Econometrics, Linear Algebra

ADDITIONAL INFORMATION

Computer Skills: R (Tidyverse, ggplot2), Python (Pandas, NumPy, Statsmodels, ggplot2, matplotlib), SQL, Tableau, Stata, Git, Excel
Interests: Brazilian Jiu-Jitsu, Cooking, A24 movies
Work Eligibility: U.S. citizen; eligible to work in the U.S. with no restrictions