Danielle Handel

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EDUCATION

Emory University, Atlanta, GA   August 2017 - May 2021

GPA: 3.97/4.00   Joint Major in Economics and Mathematics

Honors: Emory University National Merit Scholar, Dean's List Fall 2017-Fall 2019, Phi Eta Sigma National Honor Society, Omicron Delta Epsilon Economics Honor Society

Relevant Courses: Econometrics; Directed Study in Applied Econometrics for Policy Analysis; Linear Algebra; Differential Equations; Empirical Methods in Machine Learning, Labor Economics, Health Economics

Computing/ Statistical Analysis: R, Python, Stata, ArcGIS, Git/Github, Microsoft Excel, LaTeX, AWS,

RESEARCH/ WORK EXPERIENCE

Federal Reserve Bank of Chicago, Chicago, IL - *Economic Research Intern, Microeconomics*   June 2020 - Present
- Performs research and statistical analysis for education and health projects under Dr. Lisa Barrow, Dr. Diane Alexander, and Dr. Bhashkar Mazumder
- Developed a browser automation program for optimal data collection

Research Partners Program, Atlanta, GA - *Economics Research Assistant*   September 2019 - December 2019
- Provided statistical analysis using R for a study under Dr. David Howard in conjunction with the Centers for Disease Control (CDC) to analyze the impact of cancer diagnoses on labor force participation
- Participated in weekly course covering best practices in research, research report writing, and grant acquisition

Emory University Economics, Atlanta, GA - *Econometrics Lab Teaching Assistant*   September 2019 - Present
- Worked with Dr. Paloma Lopez de mesa Moyano to aid students in connecting Econometric theory to coding skills in R
- Holds weekly office hours to coach students in assignments and general application of R

SunTrust Robinson Humphrey, Atlanta, GA - *Equity Research/Financial Services Summer Analyst*   May 2019 - August 2019
- Manipulated large financial datasets while working extensively with Microsoft Excel and S&P Capital Intelligence
- Research, including work with US International Trade Commision data, published in two initiating coverage reports
- Worked directly with data science team to kickstart sentiment analysis and satellite imagery projects

Emory University Economics, Atlanta, GA - *Intermediate Microeconomics TA*   August 2018 - December 2018
- Worked with Dr. Maria Arbatskaya to supplement students' understanding of advanced microeconomic concepts such as Game Theory, Firm Behavior, and Profit Maximization
- Held weekly office hours to directly communicate with and mentor students, assisted in grading

Emory University Economics, Atlanta, GA - *Historical Securities Research Assistant*   June 2018 - December 2018
- Worked under Caroline Fohlin to compile a database of most relevant statistics of 1933 New York Stock Exchange securities using balance sheet, income account, and capital stock data
- Analyzed Moody's manuals and worked with Microsoft Excel to organize and assess financial data

Nancy Soderberg for Congress, Daytona Beach, FL - *Finance Intern*   June 2018 - August 2018
- Synthesized 500+ sets of donor information into usable data for a congressional campaign
- Developed an efficient system for analyzing individual donor history and predicting likelihood of securing future funds

ADDITIONAL INFORMATION

Activities: Calculus tutor, Barista specializing in Turkish coffee, Atlanta Hawks dancer 2018-2019

Interests: Commercial Dance, Yoga, Hip Hop/ R&B, Thai Food, Broadway Musicals, Popsicles, NYT Crosswords