

HENRY JACOBS

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EDUCATION

Drexel University, Philadelphia, PA

2018-2022

B.S. in Economics with a minor in Computer Science

Cumulative GPA: 3.51

- **Honors:** A.J. Drexel Scholarship 2018-2022, Dean's List 2018-2022

PROFESSIONAL EXPERIENCE

Lebow College of Business

Philadelphia, PA

Economics Tutor

December 2021 – June 2022

- Taught fundamental concepts in economics to hundreds of undergraduate students studying entry/intermediate microeconomics, macroeconomics, and econometrics
- Peer-reviewed students' research and assisted them in their research process by talking through ideas, suggesting relevant economic literature and data, and critiquing analytical arguments
- Convened a weekly economic forum that brought individuals from all different majors and walks of life together to discuss current events and their associated economic impacts on society

Key Investment Group

Winter Park, FL

Private Wealth Intern

April 2020 – September 2021

- Supported two Private Wealth Management brokers with \$250mm+ in assets under supervision by preparing materials for meetings with existing and prospective clients
- Monitored intraday, weekly, and monthly changes in stock volumes, prices, and moving averages as well as changes in exchange rates to identify potential risks to international and domestic portfolios, utilizing Python Scripts to scrape and clean the data
- Tracked changes in balance sheets, income statements, and cash flows for hundreds of publicly traded stocks in the company's portfolio with Python Scripts, and compiled a quarterly report for the brokers
- Performed econometric modeling, utilizing least squares models, autoregression models, and impulse response functions in STATA to produce qualitative and quantitative data on the state of the macroeconomy during the COVID-19 pandemic

PROJECT EXPERIENCE

Weekend Warriors Database

September 2021 – January 2022

- Designed and built an SQL database to manage over \$20,000 worth of outdoor gear such as tents and sleeping bags so that they could be reliably loaned out to club members, students, and faculty
- Implemented numerous database tables/structures to house the many different types of gear and created multiple data procedures that increased staff efficiency by 30%

Market Vitality Software

December 2021 – April 2022

- Created software using Python, Bash, and C++ that pulls and tracks data on thousands of stocks such as volume and price at the end of each trading day and scans the data for trends so users can look and see which stocks/sectors are seeing a lot of activity or if any stocks are seeing abnormalities

Skills & Technologies:

Python; C#; C++; HTML; CSS; SQL; Excel; MS Office; STATA; Pandas; Bash; PowerShell; Econometric Modeling; R

Relevant Activities

Weekend Warriors Trip Leader and Quartermaster; 2019-2022

Sierra Club Conservationist; 2018 -2022

Economics Society Newsletter Columnist; 2018-2022