

Aaron Epstein

aaronepstein2021@gmail.com | aarone.xyz/ | linkedin.com/in/aaron-epstein13/ | github.com/Aaroney13/

Education

B.S. Information Systems, University of Maryland, College Park

Expected May 2024

- **Technologies:** Python, Pandas, Requests, Matplotlib, NumPy, Git, Excel, and SQL GPA: 3.72
- **Coursework:** Object-oriented Programming 1 and 2 in Java, Linear Algebra, and Money and Banking

Experience

Data Engineering Intern, U.S. Securities and Exchange Commission May 2022 – Jul. 2022 | Washington, D.C.

- Web scraped (**Python**) over 2TB of short sale trading data from financial regulator APIs and FTP sites
- Processed 21 million rows of securities data in **Python** to visualize trading trends for an SEC researcher
- Contributed to an investigation of atypical changes in over-the-counter securities transactions

Data Challenge Finalist, Meta (Facebook)

Mar. 2022 – Jun. 2022 | Remote

- Selected as one of eighty challenge finalists from North America
- Web scraped thousands of review counts, descriptions, and ratings to produce **Matplotlib** data visualizations
- Pitched findings to two Meta data scientists

Economic Intern, U.S. Federal Reserve Board of Governors

Jun. 2021 – Aug. 2021 | Washington, D.C.

- Standardized a **Python** program that detects outliers for billions of dollars reported by depository institutions
- Queried (**PostgreSQL**) servers for over 500,000 rows to produce monetary threshold statistics
- Automated **Excel** spreadsheet production with **Pandas** to aid in calculations related to the discount window

Projects

Big Ten Network Consultant

Mar. 2022 – May 2022 | College Park, MD

- Researched social media campaigns and strategies for success in short form content creation
- Analyzed disclosed data to produce insights surrounding existing social media channels
- Presented work to C-level executives of the \$1 billion network

Rotation Period Determination of 3736 Rokoske

Mar. 2022 – May 2022 | College Park, MD

- Produced and combined light curves in **MPO Canopus** to discover the rotation period of 3736 Rokoske
- Co-authored an astronomical research paper to be published in the fall 2022 Minor Planet Bulletin

Terrapin Works Consultant

Mar. 2022 – May 2022 | College Park, MD

- Optimized **Excel** spreadsheet and survey responding processes to better consider employee preferences
- Interviewed stakeholders, clients, and users to identify pain points in the employee scheduling process
- Implemented a plan that will impact the scheduling of over 50 employees

Involvement

Business, Society, and the Economy Scholar

Sep. 2020 – May 2022 | College Park, MD

- Guided seven students in a peer mentorship program
- Engaged in simulations, case competitions, and workshops focused on developing business acumen

Certificate of Meritorious Service

May 2020 | Bethesda, MD

- Volunteered for over 260 hours within Montgomery County