

Aaron Epstein

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Education

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

Expected May 2024

- **Skills:** Python, SQL, Git, and Excel

GPA: 3.72

- **Coursework:** Object Oriented Programming in Java, Linear Algebra, and Money and Banking

Experience

Data Science Intern, U.S. Securities and Exchange Commission

May 2022 – present | Washington, D.C.

- Aggregated (**Python**) short sale transaction data from financial regulators for use in economic analysis
- Established data pipeline for statistical analysis of halted securities

Data Challenge Finalist, Meta (Facebook)

Mar. 2022 – present | Remote

- Built **Matplotlib** data visualizations to generate insights surrounding the environment of Netflix Canada
- Pitched movie and TV-Show content production recommendations to two data scientists
- Web scraped IMDB ratings and review counts for 500+ movies streamed on Netflix Canada

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

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

- Created a **Python** program to automate statistical analysis and outlier detection for PhD economists
- Queried (**PostgreSQL**) data frames containing over 500,000 rows of disclosed financial reports
- Automated **Excel** spreadsheet production with **Pandas** for discount window reporting

Projects

Rotation Period Determination of 3736 Rokoske

Mar. 2022 – May 2022 | College-Park, MD

- Captured images of asteroid 3736 Rokoske for two months to be used in aperture photometry analysis
- Analyzed phased light curves in **MPO Canopus** to discover the rotation period of 3736 Rokoske
- Contributed to an astronomical research paper to be published in fall of 2022

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 employee scheduling process
- Implemented plan that will impact the scheduling of 50+ employees

Big Ten Network Consultant

Feb. 2022 – Apr. 2022 | College-Park, MD

- Presented recommendations to C-level executives
- Researched social media campaigns and strategies for success in short form content creation
- Pitched content for social media accounts with over 100,000 followers

Involvement

Business, Society, and the Economy Scholar

Sept. 2020 – May 2022 | College-Park, MD

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

Certificate of Meritorious Service

May 2020 | Bethesda, MD

- Volunteered for over 260 hours within Montgomery County