

## Matthew Rozanoff

Phone: (415) 359-8207 Email: [emrozanoff@gmail.com](mailto:emrozanoff@gmail.com) Portfolio: [mrozanoff.github.io](https://mrozanoff.github.io)

### **EXPERIENCE**

**Children's Aid** *New York, NY*. May 2022 - Present

**Data and Program Analyst (Python 3.x, Pandas, Selenium, Excel, Tableau 2019.x)**

- Designed, coded, and implemented automated data scraping and cleaning applications in Python (Selenium, Pandas) to alleviate division workloads by 20+ hours per week.
- Took on Director of Strategic Impact's responsibilities while they were on 3+ month leave, commanding three new data based initiatives, leading intra-divisional meetings, and managing communications between leadership, customers, and development.
- Monitored our SAP database (ETO) to ensure quality report outputs, ease of use for staff such as new customized reports, and constant data support for our sites.
- Oversaw all division troubleshooting across our four databases as well as urgent requests from leadership and development for contracts with our customers / funding.
- Used Excel formulas to efficiently process data from multiple sources and create interactive dashboards.
- Led trainings to aid staff with their technical skills in Excel and ETO
- Participated in performance tuning and problem solving

**Temporary Assignments** *New York, NY*. Jan 2022 - June 2022

In Python, designed large scale data scraping pipeline using BeautifulSoup and Selenium. Used Selenium to imitate human data input in order to generate HTML to then scrape with BeautifulSoup. Data is then stored, processed, and calculated using Pandas and displayed using Matplotlib. Increased code data processing speed by 20% with the aid of packages such as LineProfiler.

**1520** *New York, NY* Feb 2021 – Dec 2021

**Associate Business Analyst (Tableau 2019.x, Excel, Python 3.x, MySQL 8.x)**

- Used Python and SQL to manage large datasets and automate clean data pulls for Tableau visualization.

**Family Co.** *New York, NY* May 2020 - Feb 2021

**Financial Technical Assistant (Excel, MySQL 8.x)**

- Middle manned database to customer data requests and decreased data transfer time by 2 hours on average.

### **TECHNICAL SKILLS & CERTIFICATES**

Python 3.x (Selenium, Pandas, Matplotlib, BS4, Numpy, Re, SciKit Learn, Keras, Seaborn) - MySQL 8.x - Git - Tableau 2019.x - Shell Scripts - UNIX/Linux/Ubuntu - Windows, MS Office, Excel

-IBM AI Engineering Professional Certificate

### **PROFESSIONAL SKILLS**

- Ability to think programmatically for outside problems and how to integrate into code
- Big picture understanding of data and how to leverage it in visualizations for both technical and non-technical audiences.
- Excellent soft skills and understanding of intra divisional communications and management
- Data analysis, visualization, and interpretation
- Large dataset management with SQL/ Python as well as scraping and organizing missing data
- Critical thinking for complex problems

### **EDUCATION**

Hunter College, New York, NY  
BS, Computer Science

### **LANGUAGES**

**Fluent:** *English, Russian, French*  
**Learning:** *Spanish, Bangla*

