Matthew Rozanoff

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EDUCATION
Hunter College, New York, NY
BS, Computer Science

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

EXPERIENCE
Children's Aid *New York, NY* | May 2022 - Present
Data and Program Analyst (Python 3.x, Excel, Tableau 2019.x)
- Designed, coded, and implemented data scraping and cleaning tasks in Python (Selenium and Pandas) to alleviate division workloads.
- Used Python to automate repetitive tasks such as data manipulation and visualization
- Utilized Python (Pandas) to generate reports at a higher speed and accuracy than Excel
- Provided interactive reports with the use of Tableau
- Initiated meetings to coordinate between analyst teams, development, and schools.
- 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 clicking capabilities to imitate human data input in order to generate HTML to then scrape with Beautiful Soup. Data then stored, processed, and calculated using Pandas and displayed using MatPlotLib.

1520 *New York, NY* | Feb 2021–Dec 2021
***Associate Business Analyst* (Tableau 2019.x, Excel, Python 3.x, MySQL 8.x)**
- Oversaw large scale database management
- Created presentations for analyzed data using Tableau
- Visualized company performances such as calculated financial ratios and risk factors
- Used Python and SQL to accommodate larger datasets.

Family Co. *New York, NY* | May 2020-Feb 2021
***Financial Technical Assistant* (Excel, MySQL 8.x)**
- Supported day traders by collecting their trade data, cleaning and managing it.
- Combed through daily data to look for any discrepancies with Excel
- Organized and pulled data using SQL

TECHNICAL SKILLS & CERTIFICATES
Python 3.x (Selenium, Pandas, MatplotLib, BS4, Numpy, Re, SciKit Learn, Keras)
IBM AI Engineering Professional Certificate
MySQL 8.x,
Tableau 2019.x
Shell Scripts
UNIX/Linux/Ubuntu
Windows, MS Office, Excel

PROFESSIONAL SKILLS
- Data analysis and interpretation
- Presentation of data, including financials, sales, inventory, consumer insight, etc...
- Creating easy to understand statistics
- Large dataset management with SQL/ Python
- Finding, scraping, and organizing missing data
- Deep learning implementation with PyTorch and SciKit Learn
- Critical thinking for complex problems