Jacob Davison
Data Analyst

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SKILLS

- **Languages:** Python, SQL, R
- **Data Visualization Tools:** Tableau
- **Development Technologies:** MS SQL Server, JetBrains, Excel, Visual Studio, R
- **Concepts:** Data Collection/Exploration, Data Cleansing, Analytical Insight/Reports

EMPLOYMENT

Data Specialist, *Jewish Family Services of Western New York*   **2021 – Current**
- Manage implementation/deployment of Penelope – Case Management Software.
- Agency data collection to build requested documents for reporting requirements.
- Interaction with data manipulation/visualization tools for agencies reporting needs.
- *Skills Used: Project Management, Communication, Time Management*

Teacher Assistant/Lab Proctorship, *SUNY Fredonia*   **2018 – 2020**
- Assisted professors in providing meaningful feedback to students through code reviews.
- Lectured computer science related courses in absence of the professor.
- Helped students understand and complete coursework pertaining to computer science.
- *Skills Used: Problem-Solving, Constructive Criticism, Organization, Leadership*

EDUCATION

Bachelor of Science, *SUNY Fredonia*   **2017 – 2020**
- **Double Major:** Computer Science, Mathematics
- **Related Coursework:** Databases, Machine Learning, Algorithms, Probability and Statistics, Linear Algebra, Differential Equations, University Calculus I-III.

PROJECTS

Spotify Music Analysis

Utilizing Spotify's API 'Spotipy' to collect data related to albums and songs on four different Spotify artists, then exploring/cleaning the data to perform analysis and create visualizations.
Technologies: Python, SQL, Excel, Tableau

Global Terrorism Analysis

Using the Global Terrorism dataset to focus on data exploration techniques and perform in depth analysis to forecast terrorism death rates in different countries for the upcoming years.
Technologies: SQL, Excel, Tableau

Overwatch Data Collection

Utilizing the open-source tool Selenium for data collection in python to collect data from Overbuff, a website that houses data from the video game Overwatch. The main focus of this project was data collection and cleansing using Python and Microsoft Excel.
Technologies: Python, Excel