Jacob Davison
Data Analyst

davisonjacob13@gmail.com | (716) 796-7680 | Linkedin.com/in/Jacob-Davison-Data-Analyst

SKILLS

- **Languages:** Python, SQL, R
- **Data Visualization Tools:** Tableau
- **Operating Systems:** MS Windows
- **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 based upon results.
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

Nashville Housing Analysis

Using the Nashville Housing dataset to focus on data cleansing techniques and practices in MS SQL Server.
Technologies: SQL, Excel