Timothy Hulak
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Education and Certificates

Syracuse University, Syracuse, NY - Applied Data Science M.S., Oct 2020 – Present, *GPA: 3.7
        Notable Courses: Data Analytics, Financial Analytics, Big Data Analytics, Quantitative Reasoning for Data Science
San Francisco State University, San Francisco, CA - Music B.A., Aug 2015 – Nov 2017, GPA: 3.1
Professional Certifications:

- **University of Southern California**, Los Angeles, CA - Data Analytics Certificate GPA: 3.7
- **Coursera:** Databases and SQL for Data Science, Data Analysis with Python, Data Visualization with Python
- **LinkedIn learning:** Python Essential Training, Master Python for Data Science (Learning Path), Azure Data Studio
- **Udemy:** Probability & Statistics for Business and Data Science,Statistics for Business Analytics & Data Science A-Z

Skills and Tools

- Microsoft Excel/VBA
- Python, R, SQL (MySQL, PostgreSQL, MS SQL Server, Oracle)
- Azure Data Studio
- Tableau

- Business Analytics, Financial Analytics, Data Analytics
- Process Automation, Tool Building, Business Intelligence Dashboards/Reporting
- Data Cleaning/Preprocessing, Data Modeling, Data Visualization, Machine Learning, Deep Learning

Data Science Projects

- **Database Administration and Design:** Use **MS SQL Server** for Database design and analysis of the band Iron Maiden's studio albums. (https://github.com/timhulak/Iron-Maiden-DB)
- **Citi Bike Analytics:** Discover insight from New York Citi Bike data and visualize using **Tableau (https://github.com/timhulak/Citi_Bike_Analytics)**.
- **NFL_Analytics:** Analysis of NFL data to gain insights on team performance. (https://github.com/timhulak/NFL_Analytics)

Professional Experience

CarMax Inc. *Sr. Analyst, Logistics Operations* Ontario, CA Oct. 2019 – Present
Ensure movement and on-time delivery of units in the Hub-and-Spoke network using analytics/reporting techniques in advanced Microsoft Excel, VBA Macros, SQL/NoSQL, and custom-built Python software for datasets ranging from under 100 to over 1,000,000 rows. The on-time percentage ranged from 94% - 99% on-time delivery of over 100,00 units per week.

- Reduced manual reports to automated process, saving analysts 2-3 hours per report
- Developed bots and tools for ETL process automation using Selenium for 4 teams.
- Developed truck load recommendation system which optimized upwards of 70 truck loads per day

United Parcel Service (UPS) *Feeder Data Analyst* Ontario, CA Oct. 2018 – Oct. 2019
Find solutions for logistical data needs via advanced Microsoft Excel, Microsoft Access, and developing applications in Python for data sets ranging from 10,000 to 100,000 rows.

- Analyzed and visualized performance KPIs, which saw process effective percentages rise from 36% to 61%.
- Constructed and maintained 5 dashboards tracking KPIs in Excel and eventually streamlined via Plotly and Dash.

United States Marine Corps *Air Support Operations Operator* San Diego, CA Dec. 2008 – Nov. 2016

- Processed immediate air requests in the Direct Air Support Center (DASC) on a crew of 7-10 Marines.
- Earned the Outstanding Volunteer Service Medal for 600+ hours of volunteer work at my local Veterans Resource Center.
- Achieved the Non-Commissioned Officer rank of Corporal (E-4).