

Joshua Sweren

923 16th St. S, Arlington, VA 22202 | 917-828-1223 | jsweren1@gmail.com

[LinkedIn](#) | [Website](#)

QUALIFICATIONS SUMMARY

- Business Analyst with refined analytical skills and experience in transforming data into actionable insights.
- Proficient in Python, R, and SQL, with a background in analytical processes, cloud computing, data visualization, and automating reports to support strategic decision-making in dynamic environments.
- Expertise in ensuring data quality and streamlining workflows by leveraging analytical skills to drive operational excellence.
- Certified Scrum Master (CSM) with 5+ years of experience working in Agile environments.

EDUCATION

Georgetown University, Washington, D.C.

Degree anticipated Dec 2025

Master of Science, Data Science and Analytics

GPA: 3.92

- Created an ETL pipeline and Streamlit visualization using Prefect, public APIs, and Python to analyze the punctuality and wait times of Washington, D.C.'s transit system.
- Conducted big data sentiment analysis using AWS and PySpark to construct descriptive and predictive insights on Reddit users' activity during the 2024 European Football Championship.
- Authored a time series analysis report incorporating machine learning and advanced statistical techniques using R and Python to analyze national public transit use since the COVID-19 pandemic.
- **Coursework:** Big Data & Cloud Computing, Data Visualization, Neural Nets & Deep Learning, Database Systems & SQL, Applied Time Series Analysis, Probabilistic Modeling & Statistical Computing, Geographic Information Systems

The George Washington University, Washington, D.C.

May 2020

Bachelor of Science, Statistics, Computer Science, Mathematics

EXPERIENCE

Chenega Corporation

Oct 2022 - Sep 2025

IT Business Analyst / Quality Assurance

Arlington, VA

- Conducted statistical analyses of resource usage and application defects using Power BI, facilitating the improvement of IT applications used by thousands of farmers and USDA employees.
- Developed Power Apps, Power Automate flows, and Sharepoint databases for an administrative USDA application used by over 1,000 employees. Led full implementation cycles of requirements gathering, application development, User Acceptance Testing (UAT), deployment, user support, and report creation.
- Directed teams of 4-10 testers for applications, managing several workloads and coordinating requirements and defect handling with the client. Used JIRA, Confluence, and Sharepoint for project management and documentation.
- Created and executed hundreds of test scripts for both manual and automation testing for several agency-wide USDA applications, which involved compiling evidence, reporting bugs, and updating regression scripts for future releases.
- Constructed and maintained a timekeeping system for USDA Quality Management using Excel VBA macros and Outlook implementations, contributing to transparency for a team of over 30 employees.

Capgemini Government Solutions

Jun 2020 - Oct 2022

Consultant

McLean, VA

- Developed applications and project management tools using the Microsoft Power Platform and PowerPoint for a USDA Quality Management Team, helping hundreds of employees navigate challenges from the COVID-19 pandemic.
- Implemented Agile methodologies to streamline project planning and documentation for an infrastructure optimization project, aligning with business intelligence and data analysis best practices.
- Led business development initiatives through the creation of customized RSS feeds and a comprehensive project database, supporting strategic decision-making and enhancing the firm's operational knowledge.
- Conducted in-depth research on vendors and clients to bolster proposal development and provide actionable insights into internal capabilities for a firm with over 200,000 employees.

SKILLS

- **Business Intelligence & Visualization Tools:** Power BI, DAX, Tableau, JIRA, Confluence, Sharepoint, Excel, PowerPoint
- **Programming & Data Science:** Python, R, SQL, Machine learning, Deep Learning, ETL, A/B Testing, Spark, SAS, Statistical Methods, Data analytics, Data Modeling, Data Warehousing, Data Storytelling, Neo4j, Katalon Studio, Java
- **Cloud Tools:** AWS, Azure ML, Github, Cloud Platforms, Microsoft Power Platform, Salesforce
- **Project Management:** Agile Development, Change Management, Process Improvement