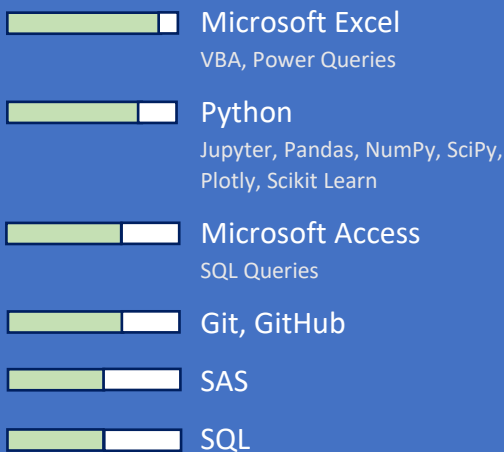# Jerry Scott Sheehan

📞 703-220-7649

✉ Jssheehan94@gmail.com

📍 Los Angeles, CA

👤 linkedin.com/in/jscottsheehan

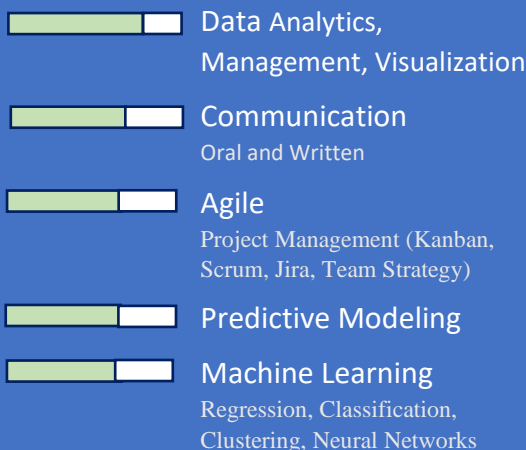💬 github.com/JSSheehan

🔗 jssheehan.github.io/ws

EXPERIENCE SUMMARY

I am a Data Scientist at Booz Allen Hamilton who brings five years of combined industry and government experience performing professional data and business analytics support services to a variety of Air Force and Army projects. More recently, I have managed analytical teams to drive business through data and strategy.

PROGRAMMING SKILLS

Microsoft Excel
VBA, Power Queries

Python
Jupyter, Pandas, NumPy, SciPy, Plotly, Scikit Learn

Microsoft Access
SQL Queries

Git, GitHub

SAS

SQL

KEY SKILLS

Data Analytics, Management, Visualization

Communication
Oral and Written

Agile
Project Management (Kanban, Scrum, Jira, Team Strategy)

Predictive Modeling

Machine Learning
Regression, Classification, Clustering, Neural Networks

WORK EXPERIENCE

Booz Allen Hamilton
Lead Data Scientist | Jul 2020-Present

- Assist government clients in solving their most challenging technical problems by converting unstructured data into insights that can be used for budget and policy decisions.
- Managed a team of analysts to design and improve a manpower forecasting tool for multiple army organizations. Collected, analyzed, and fed data into linear regression and agent-based models to forecast future workload for each organization. Based on internal analysis and feedback from stakeholders, added supplementary features, graphs, and tables to a dashboard used to display the models forecasts.

Data Scientist - Mid | Oct 2017 – Jun 2020

- Analyzed survey results using Python and advanced statistical techniques such as Mann-Whitney U tests to understand the culture of PTSD in the Air Force. Displayed the results through multiple forms of data visualizations and drew conclusions that were written so that a non-technical audience could understand.
- Performed task automation, moving manual processes into scripts in Power Queries, VBA, or Python. For one project reduced the process from 8 hours to 16 seconds, opening the opportunity for additional metrics to be captured

Beghou Consulting
Associate Consultant | Sept 2016-Sept 2017

- Served multiple healthcare clients by providing data-driven business and marketing solutions. Routinely designed processes to manage and consolidate large unstructured datasets in SAS, while pulling key insights on sales history.
- Worked with clients to optimize their sales team's workload and performance through predictive modeling using mapping and data visualization software tools to value each representative's territories and physicians.

Impact Baseball Baltimore
Director, Operations and Data Analysis | Jun 2014-Jun 2016

- Worked on the business side of the baseball training program. Designed and analyzed a master database to consolidate information collected on athletes. Through SQL and Excel, used this database to lead multiple business and marketing projects, including designing promotional roll-out schedules, analyzing revenue streams, and optimizing program sizes. Helped increase company revenue by 25% each year.
- Implemented a Customer Relationship Management (CRM) system by designing an automated process linking the master database to multiple data sources. The CRM was used to assist in maintaining relationships with athletes.

Big Train Baseball
Statistical Analyst | Summers 2012, 2014

- Worked for the championship winning team, Bethesda Big Train, in the Cal Ripken Collegiate Baseball League.
- Recorded and monitored statistics for college prospects such as Hunter Renfroe and Brandon Lowe.

EDUCATION

Johns Hopkins University | Baltimore, MD | Graduated: May 2016
B.S. Applied Mathematics & Statistics | Minors: Entrepreneurship & Management; Psychology