

SETH LABADIE

Data Scientist

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🛡 Top Secret/SCI w/ CI Poly

EDUCATION

MSSI
Strategic Intelligence
National Intelligence University
📅 2016 📍 Washington, DC

MSA
Accountancy
San José State University
📅 2003 📍 San José, CA

BA
International Relations
University of California,
Los Angeles (UCLA)
📅 1997 📍 Los Angeles, CA

KEY TECHNICAL SKILLS

- Python, NumPy, Pandas, PyTorch
- Oracle DB, PostgreSQL
- ArcGIS
- Bash Scripting
- Tableau, Power Bi
- Git, GitHub, GitLab, JIRA
- Amazon Web Services (AWS)
- MS Excel
- Business Analysis
- Data Visualization
- Data Analysis
- Data Cleaning

CERTIFICATIONS

- ICAgile Certified Professional (ICP)
- AWS Academy Graduate - Cloud Foundations (AWS)
- Project Management Certificate (Georgetown University)
- Introduction to Linux (LinkedIn)
- Advanced Counter-Threat Finance Analyst (Defense Intel. Agency)

SUMMARY AND CAREER OBJECTIVE

- Seeking a challenging position in Data Science where I can contribute to national security.
- Data-oriented strategist with experience at U.S. Army, DIA, NGA, ONI, USSOCOM, JSOC, and Joint Staff over the course of nearly 28 years.
- Contributed to the design of data architectures in nearly every data scientist related position – ensuring interoperability, security, and alignment with agency business goals.
- Experienced in Python, Oracle DB, PostgreSQL, Bash Scripting, Data Science tools, and Tableau and Power BI data visualization tools.
- Retains excellent interpersonal and collaboration skills with multiple stakeholders to drive integration initiatives and foster a data-driven culture.
- Showcases communication skills with the ability to present complex topics and technical details with tact and discretion.
- Retiring Lieutenant Colonel in the Army (Military Intelligence) with deployments to Iraq, Afghanistan, Bosnia, and Panama with expertise in leadership, team building, and managing information flows.

WORK EXPERIENCE

Lieutenant Colonel, Military Intelligence U.S. Army Reserve, National Guard, and Active Duty

- 📅 Jul 1997 – Jun 2025 📍 Various Locations
- Senior intelligence officer at the strategic, operational, and tactical levels.
 - Trained and mentored multiple teams of junior officers.
 - Completed deployments to Iraq, Afghanistan, Bosnia, and Panama.
 - Completed four years of command experience of a Special Operations Intelligence Detachment and Company for 20th Special Forces Group.
 - Signals Intelligence and All-Source officer, with additional experience in Geospatial Intelligence and Human Intelligence.

Data Scientist / Machine Learning Engineer Office of Naval Intelligence (Contractor)

- 📅 Nov 2022 – July 2024 📍 Washington, DC
- Supported the Project Manager and Lead Developer in designing the SEAWATCH cloud and data architecture.
 - Designed the database schema to increase flexibility to meet future unforeseen needs. Recommended modifications to the database schema to conform with third normal form (3NF), reducing data redundancy and improving data integrity.
 - Used Python and the NumPy and Pandas libraries to analyze existing data for anomalies and clean the data to prepare for ingestion into the new database architecture.
 - Wrote SQL queries to automate data pulls for customers, built the data dictionary, analyzed the current database schema, and recommended changes to the schema.
 - Conducted business process management tasks, interviewed stakeholders, wrote user stories, and translated user stories into actionable data management tasks, ensuring the project aligned with ONI's business goals.
 - Conducted Artificial Intelligence / Machine Learning design tasks, selecting ML models to translate data into information to support intelligence analytic needs.

Data Scientist as Lieutenant Colonel on Active Duty Orders, U.S. Army



Joint Staff, J-2 Collection Management Office

 Dec 2020 – Sep 2022  Pentagon, Arlington, VA

- Led a Data Science team to build a capability to analyze and optimize intelligence collection resources.
- Leveraged Amazon Web Services (AWS) and Python scripting with NumPy and Pandas to ingest collection management data, and matched resources to needs based on a complex data environment, limited resources, and policy restrictions.
- Used Power BI and ArcGIS to visualize intelligence collection efforts for executive leadership, translating technical insights into actionable recommendations for collection management operations.
- Designed the cloud and data architecture for the project assigned, using AWS VPC, EC2, and S3.
- Collaborated with stakeholders in J-36 and COCOM collection management offices to improve data integration and cleanliness.
- Mentored junior officers and Data Scientists, fostering a culture of innovation and continuous improvement.

Threat Finance Analyst


USSOCOM and JSOC (Contractor)

 Jun 2016 - Sep 2020  Alexandria, VA

- Conducted financial data analytics, FINTECH analysis, and financial and business modeling of financial data of approximately one million records using Python, NumPy, Pandas, and MS Excel.
- Ensured collection and analysis complied with relevant regulations concerning USPER and data retention.

Data Scientist



Defense Intelligence Agency, National Media Exploitation Center (Contractor)

 Sep 2015 - Mar 2016  McLean, VA

- Conducted advanced analytics and visualizations on hard drives collected on the battlefield to answer intelligence questions.
- Built a dashboard using Tableau to display the progress of documents and media as they moved through the exploitation process.

Data Scientist; Strategy and Analytics Consultant

Booz Allen Hamilton, contractor to National Geospatial-Intelligence Agency (NGA)

 Jun 2011 - Sep 2015  Springfield, VA

- To answer an ODNI requirement to establish a Program of Analysis (PoA), built a human resources analytics prototype to ingest survey data, clean and process the data, and visualize it in a manner to inform decision makers on the current analytic posture.
- Stood up NGA's initial Data Science team as assistant team leader, defined and implemented requirements, and conducted geospatial data analytics on intelligence problems.

COTR and Action Officer as Captain, U.S. Army



U.S. Army G-2, Multi-National Force - Iraq

 Jan 2005 - Apr 2011  Pentagon, Arlington, VA and Baghdad, Iraq

- Built the yearly budget for a \$1 Billion contract to provide linguists to deployed military forces.
- As a deployed ACOR, ensured contract compliance through surveillance and auditing of contractor support.

Financial Auditor



PricewaterhouseCoopers

 Sep 2003- Sep 2004  San Francisco, CA

- Audited the financial statements for mutual funds and insurance companies to ensure compliance with Generally Accepted Accounting Principles (GAAP) and other financial regulations.

Data Analyst



Flextronics Corporation

 Feb 2001- Jan 2002  San Jose, CA

- Drove cost savings by identifying component purchases that did not comply with contracted pricing.

Financial Consultant

Merrill Lynch

 Oct 1999- Jan 2001  Pasadena, CA

- Conducted financial analysis of stock portfolios to optimize gains.
- Series 7 and 66 certified; ensured compliance with financial regulations.