

# Randall Brown

Current Clearance: TS/SCI CI Poly (DoD)

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## Summary:

Data Science and AI/ML leader with over 10 years of experience delivering mission-critical analytics and AI solutions in complex, high-stakes environments. Known for bridging advanced technical execution with disciplined program delivery, ensuring solutions move from prototype to operational capability with measurable impact and reduced client risk. Proven leader of full-stack data science initiatives, including geospatial, mobility, and mission-oriented analytics, with deep hands-on expertise across Python-based ML pipelines, modern data platforms, and front-end delivery. Consistently trusted to translate ambiguous operational needs into executable roadmaps, govern delivery quality, and align technical teams with stakeholder and customer objectives. Brings a delivery-first mindset to AI and data science—prioritizing reliability, scalability, and operational adoption—while maintaining strong engagement with government and enterprise stakeholders. Recognized for building high-performing teams, improving execution processes, and delivering solutions that materially influence decision-making and operational outcomes.

## Core Qualifications:

- Google Project Management Certified
- Machine Learning in Python
- Kubernetes and Full Stack Data Science Applications
- AWS Suite and Administration
- Computer Vision and NLP
- Agile Project Management
- Scrum Master and Data Science Team Management
- Risk Management
- Big Data Analytics
- Palantir Foundry Certified
- Technical Project Management

## Education:

**Graduated 2022**

M.S. Data Analytics – University of Maryland Global Campus (4.0 GPA)

**Graduated 2017**

B.S. Computer Science – California State University, Monterey Bay

## Work Experience:

Jun 2025 – Present  
*40 Hours per Week*

### **FRDA (Federal Contractor)**

Director of Research and Development – Arlington, VA  
Army Project:

- Supported management and execution of an IDIQ contract vehicle with an aggregate ceiling approaching \$100M, overseeing delivery across multiple concurrent task orders with varying scopes, periods of performance, and customer stakeholders.
- Coordinated end-to-end task order execution, ensuring schedule adherence, technical compliance, and on-time delivery across all awarded efforts.
- Developed and maintained monthly status reports (MSRs), integrating cost, schedule, performance, and risk data to provide clear, actionable visibility to government and internal leadership.
- Led technical assessments and progress reviews, translating complex engineering and R&D activities into concise executive-level reporting.
- Led the end-to-end development of two MVP products, defining roadmaps, coordinating Python/React implementation, building product launch templates, and presenting demos.

Jul 2021 – Jun 2026

**AFS (Federal Contractor) | Prior Novetta**

*40 Hours per Week*

Data Science Manager – Springfield, VA

Army Project:

- Led the development of project plans and risk management strategies for multiple projects, achieving enhanced project completion rates and client satisfaction by adhering strictly to defined goals.
- Pioneered advanced geospatial analytics research that significantly transformed client workflows and operational paradigms.
- Managed extensive data flows and analytics, optimizing data capture, retention, and analysis while processing ad hoc RFIs
- Served as a technical expert providing support throughout the full project life cycle and provided recommendations to government leadership.
- Developed Kubernetes enabled Computer Vision Model for different classes and sub-classes for EO Imagery.

Jan 2019 – Jul 2021

*40 Hours per Week*

**Deloitte (Federal Contractor)**

Analytics and Strategy Consultant – Rosslyn, VA

Data Strategy ACC Project:

- Developed Topic Modeling for comments fields used to add categorization features to a predictive model increasing R-sq. value of the model by 5%.
- Created a Data Strategy Assessment Tool used to enable and accelerate projects current and future assessments of an enterprise data strategy with a focus on government standards.
- Developed an R algorithm allowing the user to input rules to flag records in a dataset, reducing time of cleaning data by 50%.
- Ingested Invoices from hotels, using Python, and used text extraction and OCR to create a policy-based audit tool, reducing audit time by 65%.
- Placed Top 5 in Machine Learning Competition – Built regression models and clustering models to identify genomic ID in multiple sclerosis.

Jan 2018 – Jan 2019

*40 Hours per Week*

**Defense Intelligence Agency (DIA) (Federal Employee)**

GG-10-4 – DIAC, MD

- Supervised the development of Attribute Based Access Controls, analytical metrics, UI and functional redesign, and maintaining Authorization to Operate of network, leading to an increased national security posture.
- Developed an algorithm to detect anomalous signals that reduced work of analysts by 50% and found 25% more anomalies than by hand.
- Acted as Technical Liaison for U.S. Government in a FVEY committee.
- Worked with senior leadership on a planning team to develop a multi-year execution to modernize DIA's CIO

Sept 2017 – Jan 2018

*40 Hours per Week*

**Genesis Business Systems (PACOM – J64) (Federal Contractor)**

Business Systems Analyst – Camp Smith, HI

- Developed Knowledge Management Maturity Model for PACOM that led to the establishment of the Line of Effort's for the Theater Campaign Plan.
- Developed a working paper on PACOM data repositories and how to access them that led to a 50% reduction of tickets requesting access to systems.
- Contributed to AD Permission Logic group aiding in the efforts to redesign SharePoint Permissions, cleaning up 25% of the AD groups.
- Used Project Management skills to balance four projects and complete a project that was ongoing before my hiring.

Jun 2016 – Sept 2017  
40 Hours per Week

**Hexagon U.S Federal (Federal Contractor)**

System Engineer – Pearl Harbor, HI

- Applied ticket queue management to reduce and maintain the ticket count from over 1000 to less than 200 in two months.
- Led a team upgrading monitor's shipyard wide, increasing efficiency and effectiveness of the Pearl Harbor mission.
- Handled 60% of all incoming calls with a 99% immediate closure of ticket.
- Developed a system of metrics that created the baseline for the service-level agreement model.

June 2015 – May 2016  
40 Hours per Week

**22<sup>nd</sup> Century Technologies (Federal Contractor)**

Help-Desk Technician – Defense Language Institute, CA

- Developed interactive training for new hires that led new hires performing their job duties without supervision in half the time.
- Managed a team of eight in charge of phones and walk-ins for customer support with 99% customer satisfaction.
- Developed and created a Linux standalone workstation dedicated for malware forensics that aided in 20% more recovered hard drives.

Mar 2013 – Nov 2014.  
30 Hours per Week

**Wright State University (Federal Contractor)**

Intern – WPAFB (Air Force Research Laboratory), OH  
Program PCA code in MatLab

- Normalized and expanded on Big Data using PCA to find trends in human radar signatures
- Approved protocol for human test subjects with the IRB and Gained experience as an Associate Investigator
- Developed a system of metrics that created the baseline for the service-level agreement model.

**Certifications:**

- SEC+ Certified (2015 – Nov 2025)
- Neo4j Professional (Issued Nov 2023)
- Professional Scrum Master I (Issued Oct 2022)
- Executive Leadership Certificate (Issued Oct 2022)
- Project Management Professional (Expected June 2026)

**Publications:**

A comparison of theoretical, computational, and experimental human electromagnetic scattering at VHF and UHF - 2014 Miranda, A., Kieth, S., Wang, L., Jarusiewicz R., Martinez, M., Calderon, B., Starr, L., Waddington, C., Erdmann, G.

Publication Link: <https://ieeexplore.ieee.org/document/7045785> (Listed as Randall Jarusiewicz)

**Master Thesis:**

*A copy of the thesis is available upon request.*

Near-Real Time Prediction of Rotorcraft Traffic Pattern. Randall Brown. (05JAN2021)