

Cleared Data Analyst & Information Operations Professional
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Data analyst, information operations professional, and Army officer with joint strategic and operational planning experience. Background in capability development and experience in machine learning and data engineering. I specialize in translating complex problems into actionable insights for decision-makers.

Data Analysis
Capability Development
Information Operations
Criminal Investigations
Logistics

- Machine Learning
- Statistical Modeling
- Natural Language Processing
- Data Visualization
- Data Wrangling

Palantir Foundry
Python & R
Power BI
KNIME
Microsoft Excel

JOINT INTERAGENCY TASK FORCE SOUTH (JIATF-S), NAS Key West, FL **2024 – Present**
Chief, Operations in the Information Environment (OIE) Cell, J5 (Plans and Policy)

- Used Pulse to analyze regional social media trends and built Kibana dashboards to visualize findings, enabling data-driven operational planning and early identification of emerging patterns.
- Designed a five-phase planning framework and a weighted Excel model to prioritize Key Leader Engagements across 35 partner nations, aligning decisions with leadership objectives.
- Led research and writing for operations in the information environment (OIE), synthesizing intelligence, social media analytics, and planning inputs to produce the OIE Concept of Support, the Assessment of the Information Environment, a successful reintegration proposal for MISO planning, and a published article on US–Mexico counter-drug cooperation in *The Watch*.

2023 – Present

- Designed and implemented a data ingestion pipeline using Palantir Foundry to collect, process, and store meeting artifacts for centralized access by the ADP SE05 Working Group.
- Developed a data model to structure meeting data, defining tables for speakers, meetings, and organizations, and establishing relationships to support analysis within Army Vantage.
- Created a searchable dashboard using Power BI to provide efficient retrieval of meeting documents and insights, improving knowledge management for military stakeholders.
- Applied data cleaning and transformation techniques to prepare unstructured meeting transcripts for database ingestion, using macros and Excel tools to enable downstream analysis.
- Developed a machine learning model for noise classification using a Random Forest Classifier to filter irrelevant comments in transcripts, achieving 92.5% accuracy and significantly improving data quality.

2021 – Present

- Led an IO planning team for PANAMAX 2024, co-authoring the IO Concept of Support during the Planning in Crisis Conference and directing social media operations during the final exercise.
- Developed the battalion training plan using domain knowledge and performance data and authored the SOP to ensure implementation, resulting in improved overall unit readiness.
- Collected and analyzed real-world cyberthreat intelligence and social media data to develop realistic scenarios for Cyber Shield 2021, enhancing training effectiveness.

NATIONAL GUARD BUREAU, Fort Leavenworth, KS
Liaison Officer to the US Army Information Operations Proponent

2021 – 2023

- Led the Theater Information Operations Group Force Design Update Junior initiative, coordinating with 10+ stakeholder organizations, conducting force structure analysis, preparing all required documentation, and presenting the proposal to the Force Design Directorate for approval.
- Developed custom Excel tools and visualizations to model personnel requirements, forecast manpower shortages, and track IO-related training, education, and personnel metrics, supporting data-driven planning briefs and long-term force structure decisions for senior leaders.
- Regularly briefed general officers on IO capability gaps, training pipelines, and personnel development, contributing to decisions tied to the “Information Advantage” modernization effort.
- Reviewed and provided written analysis on doctrinal and concept development products including ADP 3-13 (Information) and the Army Futures Command Concept for Information.

CARROLLTON | SAGINAW POLICE DEPARTMENTS, Carrollton | Saginaw, TX
Police Sergeant, Police Officer

2012 – 2023

- Conducted a statistical analysis of 10 years of copper theft incidents in the Dallas/Fort Worth I-35 corridor, examining economic drivers, incident patterns, and target characteristics to identify high-risk zones and develop a prevention and enforcement strategy for departmental policy consideration.
- Investigated over 100 cases across a 12-year law enforcement career, gathering intelligence through field interviews, regional fusion centers, and platforms such as LexisNexis Accurint and the National Vehicle Locator Service; compiled detailed case files, authored intelligence reports, and coordinated with prosecutors to support successful prosecutions.

TEXAS ARMY NATIONAL GUARD, Seagoville | Wylie, TX
Logistics Officer (BDE Plans Officer, FSC Commander, XO, PLT Leader)

2012 – 2020

- Developed a predictive vehicle repair model to forecast parts delivery and anticipate maintenance delays, supporting a broader overhaul of supply and repair workflows that raised fleet readiness from 46% to 90% over a nine-month deployment.
- Planned and executed sustainment operations for food, fuel, ammunition, and maintenance support across multiple deployments, using data-driven decision-making and operational analysis to solve complex logistics challenges in dynamic environments.

EDUCATION AND PROFESSIONAL DEVELOPMENT

MS, Applied Business Analytics | American Military University (November 2024)

BA, Political Science | Texas A&M University (August 2010)

Capabilities Development Course | Army Logistics University (June 2022)

Information Operations Qualification Course | US Army Information Operations Proponent (May 2021)

AWARDS

Meritorious Service Medal (First and Second Award) | US Army (August 2018, October 2023)

Army Commendation Medal | US Army (August 2020)

Life-Saving Award | Carrollton Police Department (April 2017)