



JOSEPH ROBINSON

DATA ANALYST | APPLIED AI SYSTEMS | OPERATIONAL DATA SCIENCE

CONTACT

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[Website](#)
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EDUCATION

SYRACUSE UNIVERSITY

2025-June 2026

- Applied Data Science, MS

AMERICAN MILITARY UNIVERSITY

2019-2022

- Strategic Intelligence Studies, BA
- GPA 3.87/4.0

COMMUNITY COLLEGE OF THE AIR FORCE

2017-2019

- Intelligence Studies, AA

CERTIFICATIONS

- Google Data Analytics Professional
- Google Advanced Data Analytics Professional
- Google Business Intelligence Professional
- IBM Data Analyst Professional

CORE COMPETENCIES

- Operational Data Systems
- Human-in-the-Loop AI
- Applied AI Workflows
- Stakeholder Enablement
- Data Analysis
- Critical Thinking
- Dashboard Design
- Technical Communication
- Process Automation
- Governance & Traceability

TOOLS & LANGUAGES

- Python
- Tableau
- R
- Google Apps Script
- SQL
- Excel / Google Sheets
- Oracle R12
- GitHub

PROFILE

Data Analyst and applied AI systems builder with 14 years of mission-critical Air Force experience and production analytics experience in regulated industrial environments. Designs operational tools that translate ERP data, pricing logic, compliance workflows, and warehouse processes into auditable, decision-ready systems. Works at the intersection of analytics, automation, human-in-the-loop AI, and data infrastructure, with a focus on traceability, governance, and practical adoption.

WORK EXPERIENCE

Air Liquide

SEP 2024 - PRESENT

Data Analyst

- Built 9+ operational data tools and automated workflows supporting planning, inventory visibility, warehouse capacity, pricing review, compliance, and daily operations.
- Reduced recurring reporting and data-prep effort by 61 hours/week, equal to approximately 3,172 hours annually.
- Returned 1.5 FTE of operational capacity and delivered \$116K+ in documented annualized efficiency value.
- Developed planning and inventory tools that improved exception monitoring, aging inventory review, capacity awareness, and decision support.
- Created compliance and audit-support workflows that improved traceability, review readiness, and structured business sign-off.
- Led enablement for planners, warehouse teams, and business users, translating analytics tools into daily operating practices.

Oeson Learning

JUL 2024 - SEP 2024

Data Science Intern

- Completed end-to-end data science projects using Python and R, including statistical analysis, data cleaning, visualization, and machine learning workflows.
- Built applied models and analytical reports focused on real-world business problem solving.
- Earned formal mentor recognition for technical growth, analytical rigor, and applied problem-solving ability.
- Received one-on-one mentorship from a LinkedIn Top Voice with 7+ years of industry experience.

United States Air Force

MAR 2022 - NOV 2024

Designated Expert - Aircraft System Integration

- Led a 55-member engineering team on a \$27.6M Special Operations aircraft upgrade under mission-critical operational timelines.
- Designed and instructed advanced telecommunications, signals intelligence, and system-integration workflows for joint-force operators and analysts.
- Built and optimized data systems supporting global crisis response, compliance tracking, readiness visibility, and real-time decision support.
- Processed and analyzed operational intelligence across multiple deployments, aligning technical execution with strategic objectives.
- Recognized for cross-functional leadership, systems innovation, and the ability to translate complex technical realities into clear operational action.