JACOB SEIBERT

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DATA ANALYST | DATA SCIENTIST | BUSINESS OPERATIONS

Dedicated veteran with a robust background in Information Technology and Cyber Security, now pivoting towards a career in data science and analytics, particularly within the manufacturing sector. Armed with a Bachelor's degree in Information Technology and currently pursuing a Master's degree in Data Management and Analysis, I possess a unique skill set shaped by my roles in the United States Army, including Director of Operations and Supply Chain Manager. My experience in cross-functional collaboration, operational optimization, and data analysis equips me to contribute effectively to Nissan's Digital Transformation team. Proficient in Python and SQL, I am currently enrolled in a machine learning course, enhancing my ability to develop data-driven solutions. My research on IoT device security for the Department of Defense has further strengthened my analytical skills and deepened my interest in applying analytics to improve quality control in manufacturing processes. I am excited about the opportunity to support Nissan in shaping the future of mobility through innovative analytics.

• Data Analysis	• Wireless Network Security	• Network Analysis
• Intelligence Analysis	• Inter-Agency Coordination	• Leadership
• Project Management	• Innovative Problem-Solving	• Team Coordination

EDUCATION

Bachelor of Science (B.S.) Information Technology, Minor in Cyber Security | University of Southern Mississippi

Master of Science (M.S.) Data Management and Analysis | Austin Peay State University, 4.0 GPA

TECHNICAL COMPETENCIES

Software: Visual Studio Code | Microsoft Office| SQL Server | Oracle 21c

Networking: TCP/IP | Troubleshooting | Monitoring | Switching |Routing | Security

Processes: Data Interpretation | Data Analysis | Data Cleaning | Data Collection

Programming: Python | SQL | PHP | JavaScript | C++ | HTML | CSS

Libraries: Matplotlib | Pandas | Numpy | SciPy | React

Tools: Lucidchart |Excel | Jupyter Notebook | Power BI

PROFESSIONAL EXPERIENCE

United States Army – Various Locations   **2019 – 2023**

Director of Operations (Oct 2022 – May 2023)

Facilitated cross-functional collaboration and communication, ensuring alignment of goals, strategies, and tactics across departments and teams.

- Oversaw daily operations at the home base, managed logistics, and coordinated training.
- Performed crisis management addressing and resolving emergencies and unexpected situations of deployed soldiers and their families.
- Responsible for the accountability, security, and maintenance of all organizational property in excess of $100 million with zero dollars in losses.

Operations Manager (Oct 2021 – Oct 2022)

Lead, developed, and mentored 22 direct reports in the execution of division training exercises, live fires, a Combat Training Center Rotation, and a deployment to Europe in support of Ukraine.

- Collected, Cleaned, and analyzed operational data to develop comprehensive reports allowing commanders to make informed decisions.
- Developed and applied models utilizing battlefield data to perform predictive analysis of potential threats and enemy movements, leading to improved strategic planning and operational readiness.
- Ensured international regulatory compliance during the offload, inventory, and shipment of $18 billion in military and humanitarian aid going into Ukraine through coordination with stake holders, external agencies, and NATO partners.

Supply Chain Manager (Apr 2021 – Nov 2021)
Responsible for the procurement and coordination of all land, ammo, and aviation support assets for an organization of 370 personnel.
- Introduced a new forecasting methodology which led to improved accuracy in demand planning, supplier reliability, and reduced annual cost by over $300,000.
- Successfully planned and executed comprehensive training programs for both unmanned aerial systems and air assault operations, ensuring operational readiness and efficiency while maintaining 100% safety record.
- Created a comprehensive manual for standard operating procedures (SOPs) and methods in the forecasting, requesting, and coordination of ammunition and aviation assets.
- Developed forecasts and projections for ammunition needs using historical data and future training requirements optimizing use and minimizing waste.

Strategic Planning Coordinator (Nov 2020 – Apr 2021)
Assist running daily operations coordinating with Brigade and other outside assets to help accomplish operational requirements.
- Hand selected over 9 peers to serve as the organization's project manager.
- Served as the organization's Assistant Operations Officer and primary publisher for Operations Orders.
- Served as the Air Officer for Air Assault Operations. Directly responsible planning, coordinating, and resourcing for air assault operations of a 370 Cavalry Trooper Squadron (organization).

FLRC Instructor & Officer Training| Evaluator (Aug 2019 – Nov 2020)
Coached, evaluated, and mentored over 3K Cadets in the execution of the Army's Field Leader Reaction Course.
- Applied data analysis techniques learned in the Scout Leaders Course to assess reconnaissance data and support command-level decision making.
- Gained foundational knowledge in intelligence gathering, threat assessment, and early warning indicators though initial training in the Scout Leaders Course.
- Coordinated and implemented health and safety procedures for all facilities and Cadets while on the FLRC range.

Systems9 – Hattiesburg, MS   **2017 – 2019**
IT Technician & Consultant
Collaborated with clients to identify existing network inefficiencies and determine their desired network changes to develop a comprehensive scope statement to guide the project.
- Documented and maintained detailed records of client IT infrastructure and operations, ensuring compliance with industry regulations and standards.
- Conducted regular maintenance and updates of client systems, ensuring optimal performance, security, and reliability
- Maintained open communication with the clients throughout the projects, providing regular updates and addressing any concerns or issues that arose.
- Delivered training and education to clients, providing instruction on new technologies, best practices, and emerging trends in the IT industry.

University of Southern Mississippi – Hattiesburg, MS   **2017 – 2018**
Research Assistant for DoD Research Projects
Worked as a crucial team member tasked with researching the security and vulnerabilities of IoT devices.
- Conducted research on vulnerabilities and potential exploits of emerging IoT devices, identifying risks and contributing to the development of secure technologies.
- Served as an advisor for Hackathons promoting future prospective students to acquire an education in STEM fields.
- Aided in the development of an encrypted wireless mesh network code that was crucial for the development of a new wearable device for the United States Marine Corps.
- Identified and developed new research programs.

PROFESSIONAL REFERENCES

MAJ Jonathan D. Roland – Military Assistant to the Under Secretary of Defense for Policy
(410) 627-5807 **|** **jonathan.d.roland.mil@army.mil**

CPT Emilie White – Battalion Communications Staff Officer
(727) 504-5862 **|** **emilie.v.white.mil@army.mil**

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