

David Madison

Bachelor of Science
Information Technology
American Military University

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[LinkedIn](#)

Education

Bachelor of Science in Information Technology Concentration: Full Stack Programming

Expected May 2025

GPA: 3.93

American Military University

Relevant Coursework: Intermediate Web Development, Web Development Using JavaScript, MongoDB and Python, jQuery, Networking Concepts, Object Oriented Design, Database Concepts, Introduction to Web Analytics

Personal Projects

Covid-19 Tracker

Developed a web application to provide daily and weekly updates on global COVID-19 statistics, including cases, recoveries, and deaths.

- Integrated live API data and visualized location-based trends using Google Maps, with JavaScript for front-end interactivity and Python for back-end data processing.

Cloud-Based Inventory Management System

Developed a cloud-based inventory management system using Python, MySQL, and AWS, allowing real-time tracking of products, orders, and shipments, improving stock management efficiency by 30%.

- Integrated user authentication and automated reporting features, reducing manual tracking by 20% and alerting users on low stock levels to prevent stockouts.

Experience

Senior Student Services Specialist | Supervisor | UNIVERSITY OF OKLAHOMA - Norman, OK | 01/2023 - Current

- Managed supply account of over \$200K for supplies and training materials and ensured proper utilization of resources.
- Accurately enter confidential and business-critical information into databases and Microsoft Excel spreadsheets.
- Independently track and purchase office supplies, placing orders weekly or as needed.

Section Chief | Supervisor | UNITED STATES ARMY NATIONAL GUARD - FORT SILL, OK | 05/2021 - 05/2024

- Provided tactical guidance for personnel and mentorship to new employees and senior leadership
- Served as the advisor to a senior military commander on indirect fire systems, responsible for incorporating all fire support from air to ground
- Managed and coordinated the development, implementation, and evaluation of programs, policies, and procedures in a Section Chief role.

Personnel Records Clerk | Manager | UNITED STATES ARMY - FORT SILL, OK | 11/2018 - 05/2021

- Handled sensitive employee and company information with the highest level of confidentiality and discretion.
- Used data and analytics to improve company recruitment, selection, and onboarding processes.
- Initiated employee evaluation process and recommended policy changes to help staff progress toward desired readiness goals.

Technical Skills and Interests

Languages: Python, JavaScript, jQuery, SQL, NoSQL (MongoDB)

Libraries: Python Standard Library, jQuery

Web Development Tools: GitHub, Visual Studio Code, Chrome Developer Tools

Frameworks: ReactJS

Database Management Systems: MySQL, MongoDB

Analytics Tools: Google Analytics, Web Analytics Techniques

Networking & Security: Basic Networking Concepts, Securing Databases, Securing Applications

Areas of Interest: Web Design and Development, Cloud Security, User Experience Design, Data Analytics

Soft Skills: Problem-Solving, Self-Learning, Communication, Presentation, Adaptability

Leadership & Awards

- Strategus, Kappa Alpha Psi Fraternity, inc., Zeta Omega chapter, August 2023 - Present
- Dean's List, Awarded for maintaining a GPA of 3.9+ over consecutive semesters, recognizing academic excellence.