Brandon Stewart

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EDUCATION

SUNY New Paltz New Paltz, NY
Bachelor of Science in Computer Science // Magna cum laude *Aug. 2021 – Aug. 2024*

EXPERIENCE

Information Technology Support Specialist Intern II May 2024 – Aug 2024
United States Military Academy *West Point, NY*

- Led the development of a PowerApps application to streamline the scholarship award process, improving efficiency and user experience.
- Implemented Power Automate flows to integrate automation into the scholarship award process, applying problem solving skills to reduce manual tasks and errors.
- Extracted and analyzed institutional data from West Point databases using SQL queries, providing valuable insights for decision-making.
- Collaborated with managers and administrators to gather requirements and identify process improvements, ensuring the application met user needs.

Information Technology Support Specialist Intern I May 2023 – Aug 2023
United States Military Academy *West Point, NY*

- Collaborated with registrar staff to identify and address data analysis needs, enhancing cadet retention strategies.
- Utilized SQL Server Management Studio to access, query, and manage West Point databases, ensuring data accuracy and reliability.
- Developed and executed complex SQL queries to capture and analyze registration metrics, providing actionable insights for improving student retention.
- Conducted comprehensive data analysis on student attrition and retention, integrating SQL query results with qualitative data from faculty interviews to inform strategic decisions.

Sergeant/Avionics Technician/Production Controller Aug 2013 – Aug 2021
United States Marine Corps *Camp Pendleton, CA*

- Repaired and maintained complex aviation electronic systems and subsystems for both rotary and fixed-wing aircraft, ensuring operational readiness and safety with a keen attention to detail.
- Conducted quality assurance inspections as a Collateral Duty Inspector, verifying the integrity and reliability of over 300 components with a 100% readiness rate.
- Coordinated and directed production efforts for a Marine Aviation Logistics Squadron of nearly 400 Marines, prioritizing maintenance tasks and overseeing the maintenance of 1,900 components and equipment.

PROJECTS

Scholarship Application | *PowerApps, PowerAutomate, SharePoint, SQL* May 2024 – August 2024

- Led the creation of a PowerApps application to streamline the scholarship award process, reducing processing time
- Collaborated with registrar personnel to gather requirements and utilized Office365 metadata to define user roles and security controls, ensuring data integrity and confidentiality
- Implemented PowerAutomate flows to automate submission steps, notifications, and updates.

Personal Website: [Brandon's Website](#) | *HTML, CSS, Javascript* May 2024 – August 2024

- Developed a website to serve as biography of my professional experience, designed with HTML/CSS
- Applied fundamentals of web design to create a coherent web-application layout
- Utilized various CSS techniques to create a reactive and versatile website
- Integrated JavaScript to add dynamic decoration to the web page

TECHNICAL SKILLS

Languages: Java (3 Years), Python (1 Year), SQL (1 Year), HTML/CSS (1 Year), PHP (1 Year)
Frameworks/Content Management Systems: WordPress (1 Year), JUnit (1 Year)
Developer Tools: GitHub (3 Years), VS Code (3 Years), IntelliJ (1 Year), Eclipse (1 Year), MS PowerApps, MS PowerAutomate, WordPress.org
Other Skills: MS SharePoint (6 Years), Production Management (2 Years), Electronic Maintenance (7 Years), Mechanical Maintenance