

# Brandon Stewart

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## EDUCATION

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### SUNY New Paltz

*Bachelor of Science in Computer Science*

New Paltz, NY

*Aug. 2021 – Aug. 2024*

## EXPERIENCE

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### Sergeant/Avionics Technician/Production Controller

*United States Marine Corps*

August 2013 – August 2021

*Various Locations*

- Repaired and maintained aviation electronic systems and subsystems for rotary and fixed-wing aircraft platforms
- Provided quality assurance of repair items as a Collateral Duty Inspector, ensuring integrity of repaired equipment
- Managed production efforts of a logistics unit, directing the supply of over 780,000 dollars worth of equipment
- Supervised a work center of avionics technicians in the maintenance and repair of automated test equipment

### Information Technology Support Specialist I

*United States Military Academy*

May 2023 – August 2023

*West Point, NY*

- Communicate with registrar personnel on needs regarding data analysis of cadet retention
- Access and query West Point databases utilizing SQL Server Management Studio
- Provide assistance with data capture using SQL to analyze registration metrics
- Provide data analysis regarding student attrition and retention utilizing SQL queries and faculty interviews

### Information Technology Support Specialist II

*United States Military Academy*

May 2024 – August 2024

*West Point, NY*

- Lead the development of a PowerApps application to streamline the scholarship award process
- Integrated automation to the process of scholarship awards via Power Automate flows
- Captured institutional data from established West Point databases via SQL query
- Interviewed managers and administrators regarding process improvement and desired software solutions
- Presented and demonstrated application features and functions to Office of the Dean staff for feedback collection

## PROJECTS

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### Scholarship Application | *PowerApps, PowerAutomate, SharePoint, SQL*

May 2024 – August 2024

- Developed a PowerApps software solution to streamline West Point's scholarship award process
- Collaborated with West Point registrar personnel on required features and functions
- Utilized Office365 metadata to create user roles and security controls
- Created several PowerAutomate flows to automate scholarship submission steps and notify users/admin as needed

### Personal Biography Website | *HTML, CSS, Javascript*

May 2024 – August 2024

- Developed a website to serve as biography of my professional experience, designed with HTML/CSS/JavaScript
- 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 improve functionality and make API simple calls

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, HTML/CSS, JavaScript

**Frameworks:** JUnit

**Developer Tools:** GitHub, VS Code, IntelliJ, Eclipse, MS PowerApps, MS PowerAutomate, PowerBI

**Libraries:** pandas, NumPy, Matplotlib, Scikit-learn

**Other Skills:** Production Management, Electronic Maintenance, Mechanical Maintenance, AC/DC Circuit Testing