Patrick Carroll

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Clearance: Top-Secret SCI

GitHub

https://github.com/PCarroll9500

Certifications

CompTIA Security Plus
Microsoft Azure AI Fundamentals
Cisco CCNA1
W3 Schools Java Certification '24

Skills

Programming in C, C#, C++, Java, Python, HTML/CSS/JavaScript, SQL, VBA, PowerShell, Batch (Windows), and Bash (Linux)

Projects

Document AI Organization & Scanner

Document classification, renaming, meta-tagging, and organization using AI. Utilized, Microsoft Azure AI Intelligence, Open AI, Python, Java, and JavaScript.

HAZMAT Management

3-person team designed a GUI-based application showcasing Object Oriented Programming principles in Java.

Comparing LLM Context Similarity

Tested the similarities and accuracy of different OpenAI models with Jupyter Notebooks.

Battlezone Remake

A recreation of the 1980s tank simulator done in C/C++ OpenGL, recreated with the iconic Green Vector 3d graphics, particle effects and collision detection.

10+ years of experience across various IT domains. Proven work ethic with a Military background.

Experience

System Software Support Engineer — Jan 2024 – Present

- Reduced PC configuration time by 75% through Windows 10/11 PC deployment via imaging, Windows PE, and batch scripting.
- Created an AI-driven Text-to-Speech add-in for automating PowerPoint training.
- Created documentation to set parameters and update the SQL Server database per customer configurations.

U.S. Navy Reservist IT — Apr 2019 – Present

- Support the Navy part time.
- Trained in Cisco Routers, Switches, End Devices, IPv4 and IPv6 addressing, OSI and TCP/IP models, network protocols, and troubleshooting.
- Qualified in Enlisted Information Warfare.

IT Systems Administration Assistant — Aug 2019 – Dec 2021

- Handled 700+ tickets dealing with the administration of User Accounts, E-mail, Listserv, Security Groups, Distribution Groups, Shared Mailboxes, File Systems, HPC and Active Directory.
- Performed regular back-ups, tape shipment, and audits.

Cable Technician — May 2021 – Aug 2021

- 3-Month Contract in Germany.
- Built Sensitive Compartmented Information Facilities (SCIF's) on military installations, routing cable, conduit, raceway, terminating copper, power, demolition and setting up audio/visual equipment.

U.S. Navy Submarine Radioman — Apr 2014 – Apr 2019

- Analyzed and classified different types of electronic signals for situational awareness.
- Ensured the safety through the operation of the radar and early warning system.
- Qualified 301 Craftsman, 3M, Tag-Out User, Electronic Key Management Systems (KMI), Radar, Electronic Warfare, and Enlisted Submarine Warfare.

Education

Texas A&M–Corpus Christi — May 2019 – Dec 2023
Bachelor of Science, in Computer Science — (GPA 3.65)
Focus Systems Programming

Volunteer & Community Service

Navy Honor Guard Funeral Detail — Aug 2022 – Dec 2023
Student Veterans Communication Officer — Apr 2019 – Apr 2022