
Robert Price
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EDUCATION

University of Florida, FL • August 2020 – December 2024 • Bachelor's Degree in Computer Science
CompTIA Security+ 2024

EXPERIENCE

RTX / Raytheon – Cyber Engineer I, Full-Time (May 2024 – Present)

- Transitioned from a student co-op program prior to start date into a full-time role.
- Acted as both a network and security analyst using **Splunk**, **SolarWinds**, **ForcePoint**, and **PowerShell** troubleshooting to monitor the environment, remediate failures, and investigate suspicious activities.
- Created a **dashboard** for Splunk featuring User and Entity Behavior Analytics and indicators of network instability.
- Created a Status & Checklist tracker in **Powershell** with web client in **Javascript**
- Planned and documented the deployment of SolarWinds agents.
- Prepared tens of servers from initial build to final software and patch installations for customer
- **Automated** several security analyst tasks with PowerShell for efficient data manipulation.
- **STIG'ed** several SQL servers.
- Developed a **proposal** for documenting network structure, troubleshooting processes, and general guidance for new hires.

Publix Supermarket – Deli Clerk (December 2019 – August 2021)

- Provided **top-quality customer service** in a fast-paced, high-energy environment.
- Built **strong relationships** with numerous regular customers.

PROJECTS

Personal Projects

AI Agent for Automated Trading Strategies (2024 – Present)

- Developed a comprehensive **AI agent** that integrates Claude AI, DeepSeek, Alpha Vantage, and the Alpaca API to generate and execute trading strategies on both regular and random time intervals.
- Uses real-time and historical market data, plus multiple indicators, to inform buy/sell decisions.
- Employs cooperative logic between two distinct AI models to refine trading insights and optimize performance while maintaining persistent history of previous dialogues and decisions (creating a memory for the agent).
- Features a detailed user interface that provides performance info, analysis history, decision logs, and trade statistics.
- Written in **Python**, **C++**, and **JavaScript**, leveraging REST APIs and advanced data analysis techniques.

Home Lab Network Environment (2024 – Present)

- Built out a **home lab** featuring critical components such as a Domain Controller, fileshare, DHCP, firewall, Splunk server, workstations, etc. • Constantly maintaining and upgrading the **SIEM**.

Motivational Social Media Platform (2024 – 2025)

- Served as a **founding Project Manager** for a mobile social media platform designed to foster motivation and accountability. • Developed a **roadmap for design** and implementation, laid the foundations of the **codebase**, and established high-quality **wireframe designs**.

Big Stink (2024)

- Work-in-progress **penetration testing** tool featuring various network-layer attacks. • Researching protocols for DoS attack methodologies. • Written in **Bash** and **Python**.

Academic Projects

TCP Server/Client Calculator System (2023)

- Implements a TCP-based server-client model allowing a host to request arithmetic operations (addition, subtraction, multiplication) on up to four integers. • Written in **Java**.

Creating Process Log Message System Calls in Linux-based OS (Reptilian) (2023)

- Produced a patch file that introduces new system calls enabling a process to retrieve its kernel-level process classification (e.g., `KERNEL_ERR = PROC_OVERRIDE`).
- Created a user-space library to interface with these system calls.
- Written in **C** and **debugged with gdb**.

Minesweeper (2021)

- Recreation of the classic Minesweeper game.
- Created with **C++** and preexisting UI assets.
- First experience with a GUI-based application.

WikiPath (2021)

- Minimalist script that finds the shortest path between two Wikipedia articles (“degrees of Wikipedia”). • Written in **Python** using BeautifulSoup for web scraping.

Calculator++ / Covert Crisis (2021)

- Android app for abuse victims, disguised as a simple calculator but offering resource/hotline information. • Conceptual app with minimal functionality. • Built with **Kotlin/XML**. • Won “Best Project” of the class section for the semester.

SKILLS

- Excellent professional communication; adept at both formal and casual customer interactions
- Seasoned writer and speaker
- Flexible and adaptable problem solver; team player and leader
- Strong understanding of data structures and their applications
- Skilled at AI interaction and integration
- Experienced in identifying and implementing optimization and automation opportunities
- Proficient in editing and writing kernel code
- Experienced in Linux, Windows, and macOS environments

LANGUAGES

- Nearly fluent in Spanish (speaking, reading, writing)
- Proficient in Portuguese (speaking, reading)
- Programming: Experience with C/C++, Python, Java, Assembly, SQL, Bash, PowerShell
- Skilled at using AI tools (e.g., ChatGPT) by crafting effective prompts

REFERENCES

Available upon request.
