Logan Altomonte

Richmond VA | altomonte.04@protonmail.com | 804.477.4809 | LinkedIn, Github, Blog

Objective:

To secure an internship that fosters growth in programming and technical problem-solving within a business environment. Eager to contribute by creating efficient, low-level programs in C for hardware optimization while learning from experienced professionals to develop industry-relevant skills.

Professional Experience:

Virginia Board of Education Development Team Member   **February - April 2021**
- Worked in Scrum development Team for two months
- Created website to track Covid-19 impact on education in Virginia Counties

Harvest Financial LLC Intern   **May - June 2022**
- Worked for Harvest Financial LLC to upload client data to private servers and import data to Consumer Relations Management Software "SmartOffice"
- Created documentation for employees to learn how to us EZ-Data SmartOffice.

Center for Information Technology CAPSTONE project   **September 2022-April 2023**
- Programmed to interact with OpenAI's GPT-3 AI to Russian misinformation detector for reddit
- Created basic python program would run OCR, text analysis, and picture comparison to detect misinformation.

JMU Cyber Defense Club   **2023 - Ongoing**

- Secretary for Club to communicate with external partners and design club meetings

- Participated and won in state-sponsored cybersecurity competitions. (Listed below)

The Dominion Club & Hermitage Country Club   **Summer/Winter 2023-2026**
- Provided services for weddings with 100+ attendees and ran food for large dining operations

JMU PLC Network Traffic Research Project   **January - Ongoing**
- Working to increase security for Industrial Control Systems by hardening PLCs.
- Using a local hosted 16B AI model to decrypt and analyze traffic to and from a PLC to detect Man in the Middle attacks

Freelance I.T. Work: **2017 - Ongoing**
- Repaired, built, and upgraded various devices (Macbook Pros', Game Boys', Desktop/Gaming PCs', etc)
- Soldiered for micro computers repair and addition (Game controllers, Pi Pico, etc.)
- Setup a smart home with Google assistant for hands off living
- Locally hosted AI models like Llama, DeepSeek-R1 32B, etc. for usage in Applications (Pattern recognition, OCR, etc)

Programming Language Skills:

Passed JMU CS Classes Software Engineering, Discrete Structures II , Algorithms and Data Structures, Computer Systems II Locally hosting AI using LM Studio and prompting for educational application and prompt manipulation

Developed with Python and Java for 3 years, developed with C and javascript for 1 year. Familiarity with Cyberdefense tools such as burpsuite, Kali Linux, crontab, and more.

Education:
- James Madison University, Bachelors' Computer Science | 3.4 CS GPA | Expected Grad 2027

Affiliations:

JMU Cybersecurity Club Secretary and event Competitor

JMU Fighting Game Community event manager

Deep Run Center for Information Technology Graduate

Taekwondo America WT dojang 2012-2019

Deep Run Track Program Indoor Outdoor Track Sprinter (2019-2023)

JMU Taekwondo Club

Accomplishments:
- 1st place VMI Cyberfusion 2025 | 3rd place Summit CTF 2025, 5th 2025 | 39th place (out of 10,000) picoCTF 2025
- Event Manager for multiple 150+ attendee events for JMU Fighting Game Community (Duke It Out series)
- Obtained 2nd Degree Black Belt