Travis McCormick

Cybersecurity Major

Contact

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- Lakeland, FL *(willing to relocate)*
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Skills

Programming Languages:
- C
- C++
- Python
- JavaScript
- MIPS
- Matlab
- Verilog
- Bash
- FreeRTOS

Software:
- IDA Pro
- Ghidra
- Solidworks
- LTSpice
- Wireshark
- Microsoft Office

Security:
- Networking
- Nmap
- Windows & Linux Hardening

Accomplishments

- SE-CCDC Regional Qualifier   February 2025
- B-Sides Orlando CTF Champion   October 2024
- SEL Cybersecurity Certification   April 2023

Relevant Courses

- <u>Cyber Security:</u> Network Security, Applied Cryptography, Secure Software Engineering, Protective & Forensic Tech For Cyber Security, Hardware Security, Cyber-Physical Security, Embedded OS, Ethical Hacking, Cyber Design Lab
- <u>CS/CE/EE:</u> Data Structures & Algorithms, Object-Oriented Programming, Computer Architecture & Organization, Digital Logic Design, Digital Electronics, Electronic Devices, Intro to Unix, Circuits, Discrete Math, Linear Algebra

Education

Florida Polytechnic University

Bachelor of Science, Cyber Security Engineering May 2025
- GPA: 3.25

Experience

Reverse Engineering Internship

ICR Inc. l Orlando, FL   May 2024 - August 2024
- Deciphered firmware, assigning accurate symbols to functions, improving code readability and debugging.
- Engineered a testing framework to validate assigned symbols and ensure system integrity.
- Enhanced a remote PDU control program, increasing efficiency and reliability.
- Created client-specific test procedures, streamlining testing and improving client satisfaction

Leadership

Cybersecurity Club Chief of Staff

Florida Polytechnic University l Lakeland, FL   October 2024 - Present
- Planned and organized weekly meetings, ensuring smooth execution and clear agendas.
- Designed presentation slides for meetings, tailoring content to the club's needs.
- Communicated with leadership to track task progress and provide updates on deadlines.
- Fostered a sense of community by promoting inclusiveness and collaboration within the club.

Head Lifeguard

Florida Polytechnic University l Lakeland, FL   August 2022 - Present
- Applied 6+ years of first responder skills to ensure safety and rapid emergency response.
- Mentored and certified new lifeguards, fostering a competent and reliable team.
- Implemented risk management and loss prevention strategies, enhancing safety protocols.
- Coordinated daily operations and schedules, ensuring optimal coverage and efficiency.
- Conducted training sessions to maintain high preparedness and compliance with safety standards.

Projects

Lifeguard App Development

City of Lakeland   January 2024 - Present
- Developed a React web app for Lakeland to optimize lifeguard scheduling, initially prototyped in C++ with multi-threading.
- Collaborated with the superintendent to define requirements and improve scheduling efficiency.
- Currently under development with ongoing testing

Breadboard 4-Bit Arithmetic Logic Unit

Florida Polytechnic University   October 2024 - December 2024
- Developed from the ground up a stopwatch using Verilog at the logic gate level.
- Created one-bit D flip-flops, clock dividers and T flip-flops for integration essential components.
- Used boolean algebra to mathematically calculate the clock dividers and the logic algorithm needed to accurately display the output on the 8-bit led components