Mohit Ballikar

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Cybersecurity professional with advanced CompTIA and ISC2 certifications, including CASP+ and CSIE. Experience in threat intelligence and analysis using the MITRE ATT&CK framework. Combining strong technical development background with focused cybersecurity expertise.

EDUCATION

Western Governors University   Nov. 2024 – Mar. 2025
Master of Science in Cybersecurity and Information Assurance
University of Central Florida   Aug. 2020 – Aug. 2024
Bachelor of Science in Computer Engineering

CERTIFICATIONS

**CompTIA SecurityX/CASP+ | CompTIA Secure Infrastructure Expert (CSIE) | CompTIA Pentest+
CompTIA Cybersecurity Analyst (CySA+) | CompTIA Security+ | ISC2 Certified in Cybersecurity**

EXPERIENCE

Threat Intelligence Intern   May 2024 – Aug. 2024
Travel + Leisure Co.   *Orlando, FL*
- Investigated threat actors utilizing the MITRE ATT&CK framework, analyzing 10+ threat profiles weekly
- Weekly involvement in RH-ISAC intelligence meetings, used information in distributing threat bulletins
- Collaborated with other cyber operations and incident response teams within information security
- Responsible for weighing TTPs and vulnerabilities researched against company practices and systems
- Presented findings to peers and IT leadership

Threat Intelligence Intern   June 2019 – July 2019
Deutsche Bank   *Jacksonville, FL*
- Utilized Silobreaker to report on daily threats to the organization, monitoring over 30 threat sources
- Mapped and detailed attacks/threats with the MITRE ATT&CK framework
- Hands-on experience with a simulated cyber-attack exercise within a SOC which was presented to county officials

PROJECTS

Embedded Board Game | *C/C++, Python, Git, Embedded Systems, Sensors*   Jan. 2024 – Aug. 2024
- Project manager, delegated responsibilities and communications within group as well as resource acquisition
- Utilized micro-controller technology to track sensor and LED response
- Designed and maintained front-end and back-end for game engine on Raspberry Pi
- Presented successes and design to committee of ECE professors

HolyCScheduling | *C/C++, HolyC, Assembly, Linux, Git*   July 2023 – Aug. 2023
- Learned and manipulated kernel-level code in a virtual environment
- Utilized scheduling algorithms in C
- Presented on the efficacy of the environment to peers
- Used Git to summarize and document the process, to allow for future additions

Contact Manager | *JavaScript, HTML/CSS, MySQL, MongoDB, PHP, Git*   Aug. 2022 – Dec. 2022
- Full-stack application utilizing the LAMP stack
- Worked in a team to meet and establish goals following the Agile model
- Oversaw and implemented the back-end database as well as expanding to MongoDB

TECHNICAL SKILLS

Network/Security Tools: CrowdStrike, ServiceNow, Splunk, Wireshark, Packet Tracer, Nmap
Languages: Python, C/C++, Java, Haskell, MySQL, JavaScript/TypeScript, HTML/CSS, MIPS32/MIPS64, MATLAB
Developer Tools: Visual Studio Code, Git, Google Cloud Platform, Visual Studio, IntelliJ, Eclipse
Embedded/Hardware: STM32Cube, Fusion 360, Autodesk Eagle, Verilog, Code Composer Studio
Libraries/Frameworks: scikit-learn, pandas, NumPy, Matplotlib, React, Node.js