Marlon Ezekiel Branham

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OBJECTIVE

Former Division 1 football player aspiring cybersecurity professional with a strong foundation in network and data security, threat detection, and incident response. Seeking to leverage hands-on experience in cybersecurity tools and analytical skills to contribute.

EDUCATION

California State University, Fresno — Fresno, CA
Bachelor of Science in Computer Science — *Aug. 2021 – May 2025*

Relevant Coursework: 3.60 GPA
System and Cloud Security, Computer Security, Internetworking Systems and Protocols, Database Systems, Operating Systems, Computer Organization, Computer Architecture, Applied Biometric Security, Web Programming, Theory of Automata, Algorithms and Data Structures, Computer Applications in Mechanical Engineering.

CERTIFICATIONS

Advanced Cybersecurity Certification — Fresno, CA
California State University, Fresno - College of Science and Mathematics — *Aug. 2021 – May 2025*

CompTIA Security+ — Fresno, CA
Targeted for Completion — *Jan. 2025 – April*

Splunk Certified Cybersecurity Defense Analyst (IP)
Completed 15 course certifications covering cybersecurity trends, threat detection, and data analysis Using Splunk. Gained hands-on experience in threat detection, vulnerability management, and creating dynamic dashboards for security event analysis.

EXPERIENCE

Supplemental Instructor (SI) – Computer Science Dept. | *CSU- Fresno* — Jan. 2025 – May 2025
- Facilitated learning sessions focusing on programming fundamentals and data-driven problem-solving.
- Enhanced student understanding of data structures, algorithms, and secure coding practices.
- Collaborate with faculty to align instruction with coursework, emphasizing problem-solving and system security awareness.

PROJECTS

High-Density Grid-Based Fingerprint Recognition System | *Python, SQLite, Git* — January 2024 – April 2024
- Developed a scalable fingerprint identification system, improving speed by 20% and reducing sensitive data storage by 30%. .
- Created detailed project documentation, including an IEEE research paper, and open-sourced the software on GitHub.

Data Browser | *PHP, HTML/CSS, JavaScript, MySQL* — September 2024 – November 2024
- Created a data visualization platform with filtering and reporting features to analyze structured datasets.
- Built server-side logic for data security and consistency, adhering to risk management best practices.

Minesweeper | *PHP, HTML/CSS, JavaScript, MySQL* — September 2024 – November 2024
- Developed a fully functional Minesweeper game, integrating user data to track and display gameplay statistics such as win rates and average completion times.
- Implemented algorithms for game state management and dynamic difficulty adjustments based on user performance.

Splunk Risk Assessment Implementation | *Independent Learning Project* — Nov 2024 – Present
- Conducted mock security event analyses using Splunk tools, focusing on incident detection, triage, and mitigation strategies.
- Automated processes for risk visualization and reporting using dashboards and Splunk Knowledge Objects.
- Enhanced monitoring systems to identify anomalies in real-time, improving detection capabilities.

Technical Skills

Risk Assessment & Management: Familiar with MITRE ATT&CK Enterprise Matrix for threat agent assessment, threat identification, and risk rating processes.
Cybersecurity Tools: Splunk SOAR, Splunk Enterprise Security, Wireshark, Oracle VM VirtualBox, XAMPP.
Programming & Scripting: Python, SQL, JavaScript, C++, Bash, PHP.
Frameworks & Platforms: Splunk SOAR, Splunk Enterprise, Linux, UNIX, MySQL, AWS (In Progress)
Networking & Security: TCP/IP, system and cloud security, network protocols, incident response, and forensic analysis.

Soft Skills

Effective Communication: Experience collaborating with diverse teams and presenting technical information to non-technical audiences.
Analytical Thinking: Skilled at analyzing cybersecurity challenges and proposing innovative solutions.
Adaptability and Learning Agility: Adept at balancing precision with an understanding of broader security goals. Adaptability and eagerness to learn in fast-paced environments with strong written and verbal communication for presenting data effectively.