

Marlon Ezekiel Branham

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Summary

Aspiring cybersecurity professional with a Bachelor of Science in Computer Science (May 2025), extensive coursework in network security and cloud systems, and hands-on experience in cybersecurity tools. Former Division 1 football player demonstrating leadership, discipline, and teamwork. Currently preparing for CompTIA Security+ certification and seeking to contribute to cybersecurity initiatives.

Personal Information

Full Name: Marlon Ezekiel Branham

Address: 1170 Santa Ana Avenue, Apartment 218. Clovis, California 93612

Citizenship: U.S. Citizen

Veteran's Preference: None

Education

California State University, Fresno

Fresno, CA

Bachelor of Science in Computer Science (Expected Graduation: May 2025)

GPA: 3.55

Aug. 2021 – May 2025

Relevant Coursework:

System/Network and Cloud Security, Computer Security, Internetworking Systems and Protocols, Database Systems, Operating Systems, Computer Organization, Computer Architecture, Applied Biometric Security, Bio-Inspired Machine Learning, Simulation, Web Programming, Theory of Automata, Algorithms and Data Structures, Computer Applications in Mechanical Engineering.

Professional Skills

Risk Assessment & Management: Familiar with Lockheed Martin Cyber Kill Chain for identification and prevention of cyber intrusions. 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/C++, Bash, PHP, HTML.

Frameworks & Platforms: Splunk SOAR, Splunk Enterprise, Linux, UNIX, MySQL, Windows Server 2025

AWS (In Progress) Networking & Security: TCP/IP packet analysis, system and cloud security, network protocols with HTTP, incident response, and forensic analysis.

Technical Writing: Experience creating concise, compliance-focused documentation. Detailed gap analysis within an organizations network model.

Effective Communication: Skilled in creating technical reports and compliance documentation for diverse audiences.

Analytical Thinking: Skilled at analyzing and mitigating security risks in complex environments.

Adaptability and Learning Agility: Adept at balancing precision with understanding broader security goals. Adaptability and eagerness to learn in fast-paced environments with strong written and verbal communication for presenting data effectively.

Other Work Experience

Supplemental Instructor (SI) – Computer Science Dept. / CSU- Fresno, CA

Jan. 2025 – May 2025

- Salary: \$17.85/hr.
- Weekly Hours (Part-Time): 15 hrs.
- Supervisor: Nancy Rosales (559) 278-5716
- **Duties:**
 - Facilitate learning sessions focusing on programming fundamentals and data-driven problem-solving.
 - Enhance 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.

Division 1 Linebacker – Fresno State Football Team / CSU- Fresno, CA

May 2021 – Dec 2024

- Salary: N/A (Athletic Scholarship Recipient)
- Weekly Hours (Full-Time): 30-40 hrs.
- Head Coach (No longer with FSU): Timmy Skipper (352) 262-5190
- **Duties:**
 - *Represented Fresno State at a national level, competing in the Mountain West Conference.*
 - *Demonstrated discipline, time management, and teamwork while balancing rigorous academic and athletic schedules.*
 - *Contributed to team success by excelling in high-pressure environments and adapting to dynamic challenges.*
 - *Mentored teammates and underclassmen, fostering a culture of accountability and resilience.*

Training

Splunk Certified Cybersecurity Defense Analyst (IP)–Splunk | Mesa, Arizona Dec. 2024 – Jan 2025

- Completed training courses to become a Splunk Certified Cybersecurity Defense Analyst.
- Total Hours: 17hrs.
- Organization: Splunk
- **Details:**
 - *Completed 15+ hours of eLearning focused on Splunk tools, cybersecurity trends, and threat detection.*
 - *Gained practical knowledge in analyzing threats, creating dynamic dashboards, and understanding the cybersecurity landscape.*
 - *Hands-on experience with Splunk SOAR and Enterprise Security tools for incident detection and response.*
- **Course Certificates:**
 - *Using Fields (1 Credit Hour, December 28, 2024)*
 - *Visualizations (1 Credit Hour, December 28, 2024)*
 - *Introduction to Splunk SOAR (1 Credit Hour, December 28, 2024)*
 - *The Cybersecurity Landscape (3 Credit Hours, December 28, 2024)*
 - *Introduction to Splunk (1 Credit Hour, December 28, 2024)*
 - *Introduction to Knowledge Objects (1 Credit Hour, December 31, 2024)*
 - *Introduction to Enterprise Security (1 Credit Hour, December 31, 2024)*
 - *Understanding Threats and Attacks (4 Credit Hours, January 1, 2025)*
 - *Search Under the Hood (1 Credit Hour, January 2, 2025)*
 - *Security Operations and the Defense Analyst (2 Credit Hours, January 2, 2025)*
 - *Introduction to Splunk Security Essentials (1 Credit Hour, January 4, 2025)*

Projects

Splunk Risk Assessment Implementation / Splunk SOAR, Splunk SSE, Splunk ES

Dec 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.

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.

Certifications

Advanced Cybersecurity Certification (IP)

California State University, Fresno - College of Science and Mathematics

Fresno, CA

Aug. 2021 – May 2025

CompTIA Security+ (IP)

Targeted for Completion

Fresno, CA

Jan. 2025 – May

Splunk Certified Cybersecurity Defense Analyst (IP)

Completed 11 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.