

Aaron Sierra

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Career Profile

Resourceful and committed Computer Science student specializing in Cyber Security, with a passion for solving complex problems and competing in tech challenges. Known for intelligence, innovation, and a unique approach, excelling in analysis, autonomy, and flexible thinking. Demonstrates strong ownership of tasks, inclusive teamwork skills, and the ability to work independently. Strong communication skills enable clear technical insights, preparing them to tackle real-world cybersecurity challenges effectively. Passionately pursuing growth and learning new skills in field of AI.

Proficiency

Skilled in network security, application security, incident response, and threat modeling. Proficient in security engineering, code reviews, cryptography, and application development. Experienced with networking, cloud computing (Google Cloud Platform, Microsoft Azure), and IoT devices. Strong foundation in IT security, information security, information technology and network operations, with knowledge of SIEM, Linux, Unix, and Active Directory.

EDUCATION

BAYLOR UNIVERSITY - Waco, TX

May 2025

Bachelor of Science in Computer Science | Concentration in Cybersecurity

EXPERIENCE

Information Security Analyst - Intern – Austin, TX

May 2023 – August 2023

General Motors | Fortune 100 Company

- Worked with KQL to reduce detection team's daily time spent analyzing security alerts by 50%
- Resolved 15+ out of around 40 weekly security alerts using Microsoft Sentinel and 365 Defender
- Developed mobile application compatible with 3+ operating systems using software engineer principals

Group Project – Waco, TX

January 2024 – May 2024

Intro Cyber | Senior Level Course | Baylor University

- Collaborated with 2 other people to enhance CIA triad (Confidentiality, Integrity, Availability) in an environment with Metasploitable Ubuntu and Windows boxes, without updating services.
- Independently set up HIDS Wazuh Manager and connected 4+ Wazuh agents to Wazuh Dashboard
- Independently configured PfSense network firewall, creating 20+ rules for critical traffic, and set up NIDS with Splunk
- Worked with team to meet over 80% of CIS benchmarks on Metasploitable machines
- Ran Nessus Vulnerability scan with Kali Linux, identifying 100+ vulnerabilities and patching 40+ in one semester

CCDC (Collegiate Cyber Defense Competition) – Tulsa, OK

December 2022 - May 2024

2x Regionals Qualifier

- Managed onboarding/offboarding for 100+ users on OpenLDAP (using LDIF and Bash) and Active Directory (with PowerShell); applied ACL changes, changed passwords, backed up critical registry keys, configured firewall rules
- Lead for enumeration/inventory (running services with versions and listening ports) of network

NCL (National Cyber League) – Waco, TX

March 2022 - May 2024

4x NCL Competitor

- Ranked 395th out of 7879 competitors in Fall 2023 | 95th percentile
- Reverse Engineered Polymorphic malware with 100,000+ lines of x86 Assembly code w/ Ghidra
- Created 4+ Log parsers in C++ and python to answer questions regarding error logs

TryHackMe (Jr Penetration Tester and Red Teaming) – Waco, TX

March 2022 - May 2024

Certificate -> <https://tryhackme-certificates.s3-eu-west-1.amazonaws.com/THM-7KOQTJSU9P.png>

- Completed 2 + Windows & Linux Privilege Escalation labs using buffer overflow exploit and exfiltrated data with a Netcat listener + DNS tunnel
- Practiced 3+ Obfuscation techniques and evading EDRs (Endpoint Detection and Response, e.g. Windows Defender) by identifying and breaking signatures

ADDITIONAL

- Bilingual: Native Spanish Speaker
- CompTIA Security + Certified