

## **Education**

California State University, Sacramento  
Bachelor of Science, Computer Science (5/2017)  
Minor in Mathematics  
GPA: 3.916 out of 4.00  
Summa Cum Laude Honors

## **Certifications**

EC-Council Certified Ethical Hacker  
IACRB Certified Penetration Tester  
CompTIA Security+ Certified  
CSUS Certificate in Information Assurance and Security

## **Work Experience**

- ***Tier I Security Operations Center (SOC) Analyst, CSUS Information Security Office*** (February 2016 - Present)  
Perform tier one incident response for malware and malicious activity notifications generated by FireEye, PAN border firewall, and ISO SIEM; work with team to design and implement C# applications to maintain daily logging capabilities from cloud based enterprise applications; develop scripts to detect geolocation and account activity anomalies; assist in writing and developing training modules for staff and student security training; write technical documentation for ISO security procedures and applications;
- ***NREIP Intern, SPAWAR Systems Center Pacific*** (May 2016 – August 2016)  
Conducted a feasibility study for an enterprise network security project proposal; created a heuristic intrusion detection system based on a unique multi-dimensional indexing technique which performed internet packet categorization and anomaly detection; performed analysis of different indexes and their ability to detect abnormal network traffic patterns; created documentation and visualization for results of study; provided technical expertise to supervisor during project funding presentation;

## **Skills and Experience**

### ***Languages:***

- Python, C#, Powershell, Bash, C, Ruby, Javascript

### ***Leadership:***

- ACM Security Interest Group – Re-establishing Member and Presenter
- CSUS Capture the Flag Team - Founder and Competition Coordinator
- ISO Security Office – Office 365 Project Lead

### ***Communication, Written and Interpersonal:***

- CSUS ISO, security application and procedure documentation
- Enterprise Network Security Research Project, presentation and documentation
- CSUS Collegiate Cyber Defense Competition, set up instructions and documentation

### ***Technical:***

- Operating Systems: Windows(7,8,10), Kali Linux, SANS REMnux, several Debian based systems
- Relevant Software: FireEye, Palo Alto Network, Wireshark, Burp Suite, Metasploit, several Malware Analysis Tools(REMnux), several Penetration Testing Tools(Kali Linux), Visual Studios, SQL Server Management Studio

### ***Other Projects:***

- Operating System with virtual address translation and page fault handling (C and Assembly)
- Network Reconnaissance Toolkit (Python and Bash)
- Web Application Toolkit to aide in SQL injection, directory traversal, and remote code execution (Python)
- ESXI Home Lab to learn about applications like pfSense, Splunk, and Elastic Search (Build In Progress)

## **Professional Acknowledgements and Activities**

### ***Professional Courses***

- Penetration Testing with Kali Linux Course by Offensive Security
- Ethical Hacking Online Course by InfoSec

### ***Activities and Awards***

- CyberCorps: Scholarship for Service Recipient
- Dean's Honor List (Spring 2014 - Spring 2017)
- Frequently participate in ethical hacking competitions and present resulting write-ups