Gabriel Fok, CISSP Associate

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EDUCATION

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA, Pomona, CA

Bachelor of Computer Science, August 2020 – Present

- Cumulative GPA: 3.93

CERTIFICATIONS & AWARDS

• (ISC)^2 CISSP Associate | #929011	2022	• CPTC Western Regional, 1st Place	2020–2021
• CompTIA A+ Certified	2020	• CyberPatriot National Finals, 4th Place	2019–2020
• CPTC World Finals, 1st Place	2021–2022	• CyberPatriot National Finals, 6th Place	2018–2019

PRIOR EXPERIENCE

KADDY'S COMPUTER REPAIR, La Habra, CA

Computer Repair Technician, 2019 – Present

- Troubleshoot, identify, and resolve hardware and software issues such as corrupted drives, email issues, driver support, and network connections on various types of computers/operating systems
- Remove malware and repair/protect affected systems by creating and restoring data backups and configuring secure system settings

COMPETITIONS

COLLEGIATE CYBER DEFENSE COMPETITION

Captain, 2022 – present | Linux Security Lead, 2021 – 2022 | Linux Security Specialist, 2020 – 2021

- Configure and harden various domain-joined Linux systems hosting business-critical services such as web, database, mail, FTP, DNS and SSH servers
- Identify, audit, and patch threats such as webshells, reverse shells, malware, misconfigured permissions, and various system configuration files
- Analyze post-mortem system, service, and authentication logs using Splunk to identify threat scope and severity
- Research emerging system and service threats and preventative techniques for offensive engagements
- Construct custom Python tools, Ansible playbooks, and documentation focused on automating the application of security best practices

COLLEGIATE PENETRATION TESTING COMPETITION

Co-captain, January 2022 – present | Team Member, June 2021 – present

- Audited fictional business organizations against security and privacy best practices and compliance standards such as PCI DSS and GDPR
- Performed penetration testing on fictional business organizations using Metasploit, ExploitDB, and other open source/custom tooling following the MITRE ATT&CK framework
- Crafted qualitative, heuristic metrics, penetration test reports, presentations, and key performance indicators

ORGANIZATIONS

STUDENTS WITH AN INTEREST IN THE FUTURE OF TECHNOLOGY (SWIFT)

Vice President of Operations, April 2022 – present

- Supervise SWIFT's technical projects and teams, delegate project teams, and align the passions of organization members with technical projects to benefit the community
- Create technical documentation and process reviews for events, projects, and team performance

Director of Red vs. Blue, 2021 – 2022 | Director of Academy, 2021 – 2022

- Spearheaded development of inaugural year of adversarial-simulation competition, "Red vs. Blue," a competition-level incident response and system administration experience
- Organized and coordinated several sub-teams to create a virtual network environment for a fictional company hosting a variety of common, industry-standard servers, workstations, and custom webapps
- Reapportioned time and personnel resources due to unexpected constraints and
- Expedited, directed, and provisioned resources for SWIFT's workshop development team and moderate club meetings
- Organized and orchestrated a presentation on offensive and defensive team techniques, and designed challenges for an intro-level forensics and OSINT CTF for SWIFT's Tech Symposium conference