

Elvis Tang

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SUMMARY

Entry-level Cybersecurity Specialist with a B.S. in Computer Engineering from Cal Poly Pomona. CompTIA Security+ and Google Cybersecurity certified with foundational skills in threat detection, risk management, and incident response. Familiar with SIEM tools and vulnerability scanners. Proficient in Python and C/C++, with experience in Agile environments. Eager to apply and grow in a hands-on security operations role.

EXPERIENCE

Stand Lead / IT

August 2024 – Present

Aramark

Anaheim, CA

- Managed inventory for 50+ items, patched POS systems, and ensured 100% compliance with health and safety standards.
- Supervised daily operations for a concession stand serving 1,000+ guests per shift, ensuring efficient service and smooth team coordination.
- Delivered high-quality customer service, resolving 20+ issues per shift and increasing guest satisfaction scores by 15%.

Instructor

November 2023 – Present

Coding Minds Academy

Irvine, CA

- Instructed 10+ students in Python, JavaScript, and game development, improving student project completion rates to 100%.
- Designed age-appropriate curricula introducing Git, secure coding, and real-world software tools, resulting in higher engagement.
- Mentored students on projects aligned with cybersecurity and development best practices, boosting retention and skill application.

Embedded Systems Engineer Intern

August 2022 – May 2023

Lockheed Martin

Los Angeles, CA

- Developed and debugged embedded C/C++ software for UGVs, increasing system uptime and communication reliability by 50% making the turning maneuver 100% more efficient.
- Implemented and tested UART, SPI, and I2C protocols, reducing hardware/software interface bugs by 30%.
- Partnered with Lockheed engineers to optimize algorithms, reducing processing latency by 25%.

PROJECTS

Logging Hacker Information | *Azure Sentinel*

- Deployed Azure Sentinel SIEM to detect and log over 500 cyber threat events in real-time.
- Integrated honeypot with Sentinel MAP to capture and visualize 200+ unique attack patterns.
- Strengthened security posture using Microsoft Threat Intelligence, improving detection response by 40%.

Sensor Fusion Algorithms and Tracking for Autonomous Systems | *Lockheed Martin*

- Built and validated sensor fusion algorithms integrating LiDAR, camera, and IMU data, improving tracking accuracy by 50%, causing the UGV to have a higher turning efficiency by 100%.
- Tested real-time systems across 20+ simulation runs to ensure robustness in dynamic environments.
- Authored system design and test documentation adopted by a cross-functional team of 10+ engineers.

Authenticated Encryption / Hash | *Romulus*

- Implemented Romulus AE and Romulus-H algorithms, achieving compliance with NIST lightweight cryptography standards.
- Developed nonce-resilient cryptographic modules improving encryption efficiency by 18%.
- Delivered secure hash function integration for applications requiring high resistance to collision attacks.

Data Visualization | *Identification of Statistically Significant Factors Contributing to Severity of Car Accidents*

- Analyzed 10,000+ highway safety records using machine learning and regression modeling.
- Identified key contributors to crash severity with 95% prediction accuracy using logistic regression.
- Found correlation between lighting, severity of the accident, and witnesses in the scene for the hit-and-run probability.

EDUCATION

Security+ SY0-701 | CompTIA

Google Cybersecurity Professional Certificate | Coursera

Bachelor's Degree in Computer Engineering | California State Polytechnic University, Pomona

Associate's Degree in Science Transfer (Mathematics) | Cypress College

Associate's Degree in Arts (Math and Science) | Cypress College

TECHNICAL SKILLS

Cybersecurity: Azure Sentinel, SIEM Solutions, Threat Detection, Incident Response, Network Security, Penetration Testing, Vulnerability Management, Firewalls, IDS/IPS, Cloud Security, Honeypots, DDoS Protection, Risk Assessment

Cryptography: Romulus AE, Romulus-H, Skinny-128-384+ Block Cipher, Encryption/Hash Algorithms

Programming & Scripting: Python, JavaScript, R, MATLAB, C, C++, Lua, Scratch, Shell, PowerShell

Development Tools: Azure, AWS, Docker, Postman, Jira, Agile, Git, GitHub, MongoDB