

## Adam Cheung

alcheung1008@gmail.com | (626)-600-6210 | <https://www.linkedin.com/in/adam-cheung1/>

---

### Education

California State Polytechnic University, Pomona

Expected Graduation: May 2026

*B.S. Computer Science, Minor in Cybersecurity*

GPA: 4.0

- Dean's List 2022-Present, President's Honor List 2022-Present
- 

### Projects & Experience

California State Polytechnic University, Pomona (CPP)

Pomona, CA

*IoT Device Fingerprinting Researcher*

June 2025 - Present

- Achieved 92% mean accuracy fingerprinting IoT devices in complex network environments by building and tuning ML classifiers (Random Forest, SVM-RBF, XGBoost, KNN).
- Analyzed datasets with over 2 million packets in Python and engineered wavelet-based features, boosting model accuracy by up to 45%.
- Earned 2nd Place at CPP's 2025 Cybersecurity Awareness Fair for presenting research in the Poster Competition.

California State Polytechnic University, Pomona (CPP)

Pomona, CA

*NSF Cybersecurity Lab Development Intern*

September 2025 - Present

- Designed and validated hands-on cybersecurity labs for the CIS curriculum, integrating SOC/SDC infrastructure to teach IDS/IPS, firewalls, and packet capture.
- Partnered with faculty to assess lab architecture and delivered recommendations that improved resilience and student usability.

Cybersecurity Study & Training

*SWIFT Club, HackTheBox, & TryHackMe*

August 2024 - Present

- Completed advanced labs and virtual challenges through CPP's SWIFT Club, HackTheBox, and TryHackMe, strengthening proficiency in Metasploit, Splunk, and Active Directory.
  - Practiced incident response, log analysis, and privilege escalation in sandboxed environments to reinforce red and blue team methodologies.
- 

### Certifications

CompTIA Security+

August 2024 - August 2027

CompTIA Network+

May 2025 - May 2028

---

### Competitions

Collegiate Cyber Defense Competition (CCDC)

September 2025 - Present

- Placed 1st in CPP's CCDC Team tryouts, earning selection to represent the university in regional network defense competitions.
- Configured and secured enterprise-grade service including FTP, SMB, SSH, and RDP while maintaining uptime, access control, and threat visibility under live attack.
- Operated within a simulated corporate IT environment mirroring real business infrastructure to strengthen incident response, system administration, and teamwork under pressure.