

Education

TROY HIGH SCHOOL, FULLERTON, CA
GPA 4.72 weighted 3.83 unweighted

GRADUATION DATE: MAY 2020

UC SAN DIEGO, LA JOLLA, CA
GPA 3.85

GRADUATION DATE: JUNE 2024

Extracurricular Activities

➡ Capture The Flag Competitions

August 2017 – Present

10th place Google CTF 2020

6th place Samsung CTF 2020

Showcased my skill as a member of Dice Gang and Redpwn, two of the top CTF teams in the world. I also presided over the Troy High School CTF club, where I teach high-level binary exploitation and reverse-engineering while managing the organizational aspects of the club.

➡ Troy Cyber Security

August 2016 - May 2020

Co-President of the largest high school cyber program in America

National Champion 2019 - Air Force Association's CyberPatriot (#1 out of 4,000+ teams)

National 3rd place 2020 - Air Force Association's CyberPatriot

Unified my team's efforts to win our school's first National Championship and presided over 400 students. I increased the efficiency and efficacy of my school's instructional methods, while still maintaining expertise in all areas of the subject.

Work Experience

➡ Consulting Network Administrator - AGA Engineers Inc.

August 2020-Present

Administer and maintain the office network of AGA Engineers, Inc, consisting of 60+ network connected devices. Assist in maintenance of the traffic light network in various cities across SoCal.

➡ Director - Troy Cyber Camp

July 2019

Directed, created curriculum, and taught at the largest high school cyber camp in the country. I worked with 20 students in managing over 400 students across 4 classes. I helped in creating a virtual environment for students to work in real-time to counteract a red team attacking their systems.

➡ Research intern - UCI

June-August 2019

Researched attacks and applied reverse engineering and binary exploitation techniques on IoT devices. I worked with graduate students from UC Irvine and Hong Kong University to do both static and dynamic analysis on IoT firmware.

➡ Camp instructor and staff - Stem Center Robotics camp

June-July 2017

Assisted in teaching students robotics and programming principles. I used my knowledge of C++ along with my experience in engineering to guide students from ages 10-16 through various robotics activities.

Community Service

Pomona Valley Hospital

August 2017 - May 2018

Volunteering and assisting in various tasks including patient comfort, desk work, and organization; 3 hours/week for 150 hours.

Cisco Networking Instructor

August 2018 - April 2020

I taught 3 to 6 hours a week throughout the school year, covering necessary concepts to acquire professional certification from Cisco.

Certifications

- ➡ CompTIA IT Fundamentals Certification
- ➡ Cisco CCENT Certification
- ➡ University of Michigan - Python Certification