# Rahil Shah

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## Education

**TROY HIGH SCHOOL, FULLERTON, CA**                    **GRADUATION DATE: MAY 2020**
GPA  4.72 weighted  3.83 unweighted

**UC SAN DIEGO, LA JOLLA, CA**                    **GRADUATION DATE: JUNE 2024**
GPA  3.93

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