

# Aarav Patel

Computer Science Passionate at Alliance Academy for Innovation

## OBJECTIVE

Motivated and curious computer science and cybersecurity student seeking to gain admission into and learn from the Governor's Honors Program.

## EXPERIENCE

### Vulnerability Analysis & Penetration Testing (VAPT) Intern

ER Tech Pros | Oct. 2023 - Present | Sacramento, California

- Ran and Programmed numerous security scans + reported findings
- Tested web application and API vulnerabilities.
- Supported Security Engineering

## ACHIEVEMENTS

### Future Business Leaders of America(FBLA)

- Intro to Information Technology - Placed 2<sup>nd</sup> nationally (2024)
- Intro to Information Technology - Placed 1<sup>st</sup> statewide (2024)
- Intro to Programming - Placed 7<sup>th</sup> statewide (2024)
- Entrepreneurship - Placed top 15 nationally (2023)
- Intro to Information Technology - Placed 4<sup>th</sup> statewide (2023)

### National Cyber League - Cyber Security/CS Competition

- Placed 7/1200 in Individual game - 2024
- Placed in the top 1% in Individual game - 2023
- Placed 3<sup>rd</sup> out of 600 Teams Nationally - 2023

### CyberStart America

- Gold Award
- Cyber Explorers Award - Placed 3<sup>rd</sup> in Georgia
- National Cyber Scholar - SANS Institute Scholarship Winner

### Georgia Cyber Hack Event 1<sup>st</sup> Place

### Parsons TechNet Augusta CTF 2<sup>nd</sup> Place

### Parsons Denver TechNet CTF 2<sup>nd</sup> Place

### International CTF 3<sup>rd</sup> Place

### Cyber Patriot - Platinum Semifinalist

### Tech Fair Regional Winner - 3d Modeling (2023)

### Tech Fair Regional Winner - Device Modification (2024)

### Science Olympiad

- 1<sup>st</sup> Place - Regionals - Detector Building (Programmed sensor)
- 2<sup>nd</sup> Place - Regionals - Optics
- 4<sup>th</sup> Place - Brookwood & Georgia Tech Invitational

## COMMUNITY SERVICE

### FBLA, Cumming

Volunteered at the *Place at Forsyth*, numerous roadside cleanups, Curriculum night, Alliance Info nights, Lanier Tech CTAE day, etc.

### Cybersecurity Bootcamp

Spent 40+ hours presenting, teaching, and supporting rising Cybersecurity students

### Python Programming Tutor

Spent 20+ hours throughout the summer virtually teaching Python

## EXTRACURRICULARS

- CyberAvengers - President
- FBLA - VP of Competitions Testing
- Computer Science Club - VP of Org.
- Debate Team - Secretary
- SANS Advisory Board Member
- Science Olympiad - Team Officer

## SKILLS

- Programming
- Machine Learning
- Analytical Problem Solving
- Collaboration
- Leadership
- Cybersecurity

## CERTIFICATIONS

- GIAC Foundational Cybersecurity Technologies (GFACT)
- GIAC Certified Incident Handler (GCIH))
- MO-300 (Powerpoint)
- MO-110 (Word)
- Certified SOLIDWORKS Associate

## PROJECTS

- Autonomous Vulnerability Finder
- Web Crawler for Intelligent Hash Cracking
- OpenCV Color Analysis
- AAI CTF (helped host internal competition)

## EDUCATION

### Alliance Academy for Innovation

Graduation date: May 2026

GPA: 4.31 (4.0 Unweighted)

### Coursework

- Dual Enrollment UNG CS 1301
- Intro to Cybersecurity
- Advanced Cybersecurity
- AP World History
- AP Physics 1
- AP Precalculus
- AP US History
- AP Physics C
- AP Calculus AB BC
- AP Macroeconomics
- AP Language and Composition