Aarav Juneja

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Linkedin | Github

Summary

High school junior focused on **cybersecurity, robotics, and applied AI**, with multiple wins at Lockheed Martin national competitions, a speaker at DEF CON, one of the world's largest security conferences, and **co-author of *AI Attacks: Cybersecurity for the AI Age*** with Neil Daswani, Co-Director of the Stanford Advanced CyberSecurity Program

Education

Amador Valley High School (Class of 2028) GPA: 4.29 (weighted)

Coursework includes AP Computer Science A, Honors Pre-Calculus and AP Biology.

Competition & Achievements

- **Co-Author of the forthcoming book *AI Attacks: Cybersecurity for the AI Age*** Nov 2026
  - Co-authored with with Neil Daswani, Co-Director, Stanford Advanced CyberSecurity Program
- **Speaker - DEF CON, world's largest hacking and security conference** Aug 2026
  - *Presented my research on browser security at DEF CON 34 in Las Vegas*
- **Top 100 — US National Cyber Challenge Camp** July 2026
  - *Won a spot on the national cybersecurity program for top 100/13k Cyber Challenge performance*
- **3rd Place — National Coding Competition**, Technology Student Association Jun 2026
  - *Won 3rd place in the TSA National Coding Competition held in Washington, DC*
- **Winner — Lockheed Martin CodeQuest** (Advanced Division) Feb 2026
  - ***Placed 1st** in national programming competition focused on algorithms and systems*
- **Scholarship Winner** - BlackHat Conference Aug 2025
  - *Invited to attend the prestigious BlackHat Conference 2025 for my research on Passkeys*
- **Winner — Lockheed Martin CyberQuest** (Advanced Division) Mar 2025
  - *Ranked #1 nationally in National cybersecurity CTF*
- **Top 1% — picoCTF** Mar 2025
  - *Placed top 1% worldwide in Global CTF held by CMU, testing cryptography, binary exploitation etc.*

Competitive Programming

- **LeetCode**: 2000+ (Knight) - Top 2% globally across 1M+ competitive programmers
- **USA Computing Olympiad:** Silver Division
- **Codeforces**: 1650+ (Expert) - Top 11% of 500k+ global users

Experience

Co-Founder & Chief Technology Officer **UniGiig Inc. |** June 2023-May 2024

- Built and launched a two-sided marketplace connecting students with part-time work opportunities
- Architected and developed cross-platform mobile applications (iOS & Android) using React Native (Expo)

Leadership & Activities

- **Autonomous Systems Lead**, RoboSub 2026 competition (60+ teams including Stanford, Cornell, CMU)
- **President**, Cybersecurity Club — Organized competitions, meetings, and peer learning sessions
- **Vice President**, Space & Astronomy Club — Managed meetings and out-of-school events
- **Treasurer**, Chess Club — Coordinated fundraising and club operations

Technical Skills

Cybersecurity: UNIX Pen-testing and secure web design.
AI/ML: Reinforcement Learning, Classification, NLP and GenAI
Programming - SQL, HTML, CSS, JS, Python, C, C++, Assembly, ROS2, Bash, Swift, Zig, Lua, C#, Java

Additional Coursework

Harvard University CS50 Series - Pursued multiple graduate level courses from Harvard University(Grades 5 to 8)
CS50's - Introduction to Cybersecurity, CS50G - CS50's Introduction to Game Development, CS50AI - CS50's Introduction to Artificial Intelligence with Python, CS50x - CS50's Introduction to Computer Science