# Arush Bodla

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## Education

**John Champe High School**
**GPA**: 4.62 Weighted, 4.27 Unweighted                                                    Class of 2026
Relevant Coursework:
   AET Junior Machine Learning, AP Computer Science A (5), AET Info. Tech and Computer Science, Intro to Cybersecurity
**SAT**: 1580 - 780 Math, 800 Reading          **PSAT**: 1510 - 750 Math, 760 Reading

## Experience

**Competitive Programming**                                                              August 2023 - Present
- Participated in numerous competitive programming competitions: ACSL, USACO, mBIT, VCU HSPC, Codeforces, PClassic, and TJHSST BioCode. Wrote solutions to over 200 problems.

**Capture the Flag Contests**                                                               May 2023 - Present
- Won 1st place at the Rock Ridge 2024 Phoenix CTF, and 2nd place at the ACL Capture The Flag Challenges twice.
- Used binary reverse engineering, cryptography, and OSINT by preparing with PicoCTF

**Server Hardening: Cyberpatriot**                                                        October 2023 - Present
- Hardened virtual machines with security vulnerabilities in a variety of operating systems.
- Earned platinum division twice as part of teams 16-4615 and 17-3627.

**Game Development: Cognicade Studios**                                                   August 2024 - Present
- Worked with a team of 4 to create educational games that teach sustainability and efficiency.

## Leadership & Activities

**John Champe Computer Science Club**
**President and Founder**                                                                 March 2023 – Present

- Taught 75+ students valuable computer science and coding skills using hands-on
- Prepared members for HSPCs and other contests such as USACO and ACSL

**ACL Computer Science Honor Society and Competitive Programming Club**
**Vice President of Hackathon**                                                           August 2024 – Present

- Aided in organizing several hackathons, one with 100+ participants and another with 20+
- Worked to create a budget plan and judge submissions for the 2024 Sparksphere Hackathon

**John Champe Model Rocketry Club**
**ARC Team Captain**                                                                      August 2022 – Present

- Represented the club during the VSTE conference, leading a student panel
- Made last minute decisions on the field during the season of the American Rocketry Challenge

## Skills

**Programming:**
   C++, Java, Python, C#
**Tools and Software:**
   Ghidra, Bash, DOS, Regex, Cryptography, Steganography, Unity
**Networking and Systems:**
   WSL, Ubuntu, Kali, Virtual Machines (VMWare), Packet Tracer
**Soft Skills:**
   Leadership, Time Management, Resilience, Critical Thinking