

Arush Bodla

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Education

John Champe High School

GPA: 4.73 Weighted, 4.0 Unweighted (Top 1%),

Academies of Loudoun (ACL) - AET IT pathway

SAT: 1600 APs: All 5's, 9 exams taken

Governor's School for Math, Science, and Technology - VA Summer Residential Program

- One of 20 students selected statewide for rigorous proof based math course

Experience

Competitive Programming

August 2023 - Present

- **1st** Place - UPenn PClassic (51 teams)
- 1530 Rated on codeforces, USACO Gold division - global **top 15%**
- To date, over **1000** problems solved in Java, C++, Python
- Selected for **Team USA** for IIOT (International Informatics Olympiad in Teams)
- **15+** Podium Finishes, including:
 - **2nd** - Montgomery Blair Informatics Tournament, 2x
 - **1st** - Champe Programmathon
 - **1st** - 1 MIT student vs 100 coders challenge

Capture the Flag Contests

May 2023 - Present

- **3rd/1000+** in National Cyber League
- **1st** in ACL CTF 3x, Phoenix CTF
- **3rd** in Lockheed Martin Cyberquest

Cyberpatriot

Team Captain | October 2023 - Present

- Hardened virtual machines with security vulnerabilities in a variety of operating systems.
- Earned platinum division twice on teams 16-4615 and 17-3627, performing in the **top 1.5% nationwide**.

Machine Learning

August 2024 - Present

- Conducted various Jupyter Notebook analyses on regression, classification, etc.
- Used deep learning and neural networks to solve problems
- Explored vibecoding via building an aerial farmland analysis website

Cognicade Studios

August 2024 - Present

- Designed educational games on activism and global issues.
- Taught **60+** gifted elementary students through workshops.
- Collaborated with county administrators on curriculum alignment.

Eye Level Learning

Tutor | August 2023 - May 2024

- Tutored math and english to 25+ children, grading and giving feedback on their work.

Leadership & Activities

John Champe Computer Science Club	President & Founder March 2023 - Present
<ul style="list-style-type: none">Taught 75+ students valuable computer science and AI skills through hands-on activitiesLed training for USACO, ACSL, and AI-focused competitions, sending 10+ competition teams	
ACL Computer Science HS & Comp. Programming Club	Co-President August 2024 - Present
<ul style="list-style-type: none">Managed \$10,000+ budgets and 250+ participants for ACL Hackathon & Informatics Tournament.Oversaw sponsorships, logistics, and event execution for 5+ county and region-wide events.	
Scholastic Bowl	Team Captain August 2022 - Present
<ul style="list-style-type: none">Led a team of 10 people through numerous tournaments, placing in every single one.3x Nationals Qualifier, 2x States Runner Up, 2x Regionals Champion, 3x District Champion	
John Champe Model Rocketry Club	ARC Team Captain August 2022 - Present
<ul style="list-style-type: none">Led student panel at state-level VSTE Conference; presented rocketry research to judges.Made engineering & troubleshooting decisions during the American Rocketry Challenge.	
Band - Concert and Marching Band	Principal Player, Top Band August 2020 - Present
<ul style="list-style-type: none">Led music performances, earning superior ratings in both school and individual assessmentsOrganized and managed music for school graduation ceremonies	
International Advocacy Program - Leadership Initiatives	Team Captain August 2024 - March 2025
<ul style="list-style-type: none">Raised \$1,500+ for the Sabon Layi community in Bauchi, Nigeria, advocating against child laborDesigned educational workshops, brochures, and awareness campaigns	
ACL Tutors	President August 2022 - August 2025
<ul style="list-style-type: none">Tutored fellow students at ACL in math, physics, and computer science.Logged 100+ hours of service in 2022-2023 alone.	
ACL Technology Student Association	August 2024 - Present
<ul style="list-style-type: none">Competed in several events, placing 2nd statewide in 3 of them, and named top 10 competitor in the stateWon a majority of all trophies achieved schoolwide in 2025	
ACL Red Cross Youth, Champe Serves	Volunteer August 2022 - June 2024
<ul style="list-style-type: none">Assisted in blood drives, food drives, and suicide prevention	