Arush Bodla

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Education

John Champe High School	**Academies of Loudoun (ACL) - AET IT pathway**
GPA: 4.73 Weighted, 4.0 Unweighted (Top 1%),	**SAT**: 1600 **APs:** All 5's, 11 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
- Taught **75+** students valuable computer science and AI skills through hands-on activities
- Led training for **USACO, ACSL**, and AI-focused competitions, sending **10+** competition teams

ACL Computer Science HS & Comp. Programming Club   Co-President | August 2024 - Present
- 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
- 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
- **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
- Led music performances, earning **superior** ratings in both school and individual assessments
- Organized and managed music for school graduation ceremonies

International Advocacy Program - Leadership Initiatives   Team Captain | August 2024 - March 2025
- Raised **$1,500+** for the Sabon Layi community in Bauchi, Nigeria, advocating against child labor
- Designed educational workshops, brochures, and awareness campaigns

ACL Tutors   President | August 2022 - August 2025
- 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
- Competed in several events, placing **2nd** statewide in 3 of them, and named **top 10** competitor in the state
- Won a **majority** of all trophies achieved schoolwide in 2025

ACL Red Cross Youth, Champe Serves   Volunteer | August 2022 - June 2024
- Assisted in blood drives, food drives, and suicide prevention