

Raeyaan Muppaneni

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EDUCATION

Basis Independent Silicon Valley(BISV) Class of 2023

Relevant Courses: Precalculus, Computer Science, AP Physics 1, Honors Literature and Language, Spanish II, AP U.S. Government and Politics

EXTRACURRICULAR ACTIVITIES

AI Scholars Course 2022 - Present

Took a ten-class course in AI. Completed coursework in Python, Java, and Robotics.

- Received a game developer certificate
- Analyzed images and created a data model to identify distracted drivers using concepts learned during the course.

Codeyoung Coding 2022 - Present

Completed 30 sessions in Python level 2. Learned about recursion, oops, data structure, and algorithms. Completed 5 sessions in Robotics. Learned about robotics applications and circuitry. Completed 3 sessions in Java programming.

- Created hand cricket project using conditionals, creating functions, and importing modules in Python

Speech and Debate 2022 - Present

Participated in three Speech & Debate categories over the last three years: Thematic Interpretation, Oratorical Interpretation and Public Forum. Through this activity, I have gained confidence and the analytical ability to view situations from multiple points of view, and to quickly develop ideas under time pressure.

- Placed 1st in Lincoln-Douglas debate at Golden State Academy
- Made it to elimination rounds in Public Forum at Golden State Academy

Cricket Captain| American School of Cricketing Excellence 2019 - Present

I have learned leadership skills and how to inspire my peers. Cricket has taught me many other skills such as teamwork, strategic thinking, and overcoming setbacks. Won multiple tournaments in and out of state

- Compete in 5+ tournaments nationally every year and play in 50+ matches every annual
- Practice 3+ times a week for 3+ hours each session, complete net sessions to train for matches

Math Competitor | Rigorous Mathematics 2023 - Present

For the last 6 months, I have spent over 15 hours a week on mathematics. I have been taking a lot of classes as well as competing in many competitions in which I have found success.

- list of achievements:
 - bronze in ASIAROPE
 - 259th ranked out of 2279 in world for caribou contest
 - made it to final round in IYMC
 - Award of Distinction in Australian Mathematics Contest 2023
 - Silver medal in AMO
 - Award of Proficiency in Math League 2023 USA

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AI Research Science Fair Project

2023 -

Present

For the last couple of months, I have been working on an AI research project, which is driven by the purpose of aiding blind people.

- Learning in depth about neural networks and object detection

Robotics

2023 - Present

In BISV, I work with a group of 4 peers to develop a competition robot.

- Working with hardware of robots and learning new engineering techniques
- Working as the primary coder of our team in autonomous and driver control

SKILLS AND INTERESTS

- **Technology Topics:** AI, Robotics, Python, and Java
- **Languages:** Spanish (beginner), Telugu (native), English (native)
- **Sports:** Cricket, Basketball, Table Tennis

AI Applied Research Science Fair Project

2023-Present

For the last couple of months, I have been working on an AI applied research project, which is driven by the purpose of aiding blind people.

- learning in depth about convolutional neural networks and object detection, image captioning