

# ADITYA SINGAMPALLI

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## EDUCATION

### GRANADA HIGH SCHOOL, LIVERMORE, CA

Expected June 2026

Sophomore Student Decile Rank:1, GPA: 4.38, SAT : 1570/1600

Relevant Coursework:

- AP Computer Science A, AP Calculus BC, Physics, Chemistry, Precalculus, Algebra 2, Geometry, AP European History
- De-Anza Community college Courses: CIS 040: Introduction to Python, CIS 041A: Python Programming,
- UC Berkeley ATDP: SDR0468.2 Data Science Lab with R

## SKILLS

- Programming Languages: Python, Java, JavaScript, HTML, SQL, C#
- AI/ML/Tools NumPy, Pandas, Scikit-learn, Matplotlib, Git, Google Sites

## PROJECT EXPERIENCE

### Founder - A1allstars.org - Livermore, CA

June 2023 - Present

- Created an artificial intelligence informational website that provides visitors with information about artificial intelligence, and sources to learn more about the field.
- Hosts knowledge of the various subfields within artificial intelligence such as NLP and computer vision.

### AI Scholar - Inspirit AI, Palo Alto CA

Jan 2023 - April 2023

- Learned about applications of AI in criminal justice under a Stanford Undergrad specializing in AI
- Worked together with a cohort of other students to create a machine-learning model that predicts recidivism rates of former inmates with and without race data.
- Presented our results to parents and the Inspirit AI board and received a certificate for our project.

### Data Science Scholar - ATDP UC Berkeley, CA

July 2023 - August 2023

- Learned the fundamentals of data science and machine learning under a Berkeley Ph.D. Student
- Created a statistical model that predicts video game sales worldwide based on a variety of factors like genre, age, and U.S sale
- Received a 100% score on my project and was praised by my instructor for adeptly evaluating model accuracy through metrics like Mean Squared Error (MSE) and using train/test split methodology in machine learning.

## ACTIVITIES

### Speech & Debate Club

September 2022 - Present

- Meets every Friday for one hour to discuss different debating techniques as well as participate in practice debates.
- Participate in Debate tournaments and invitationals every month or every other month where we participate in parliamentary-style debates with two people per team

### Artificial Intelligence Club

October 2023 - Present

- Meets every other Thursday to discuss various different topics within artificial intelligence and meet with experienced individuals in the field
- We explore the applications of artificial intelligence in other fields using tools such as TensorFlow

### Video Game Creation Club

September 2022 - Present

- Meets every other Friday to work on a fully functional 2D game.
- I'm currently SFX lead within the club and head all operations in creating game themes and sound effects

### Stanford Math Circle

October 2023 - Present

- Meets every Wednesday through Zoom with a guest instructor to discuss various topics in math

### Community Service

- Active volunteer at the Quest Science Center and the Shiva Vishnu Temple in Livermore

## Awards/Honors

- Top Scholar (School,9,10) Awarded by Granada High School, 4.0+ GPA
- Principal's honor roll (School, 9,10) Awarded by Granada High School, 3.8+ GPA
- Second place in the Georgiana Hayes Invitational debate tournament
- First-degree black belt in taekwondo
- Project Certificate awarded by Inspirit AI