SANJAY REDDY

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Education and Training

West Ranch High School | Valencia, CA (August 2021 – June 2025)
- *GPA*: 4.00 (unweighted), 4.76 (weighted); Class Rank: 10 out of 463
- Completed 2-year Cybersecurity Pathway
- *AP Courses*: Biology (5), Human Geography (5), World History (5), Chemistry (5), Computer Science Principles (5), Calculus BC (5), & Physics I (5), AP English Language and Composition (4)
- *SAT*: 1550

College of The Canyons | Valencia, CA (June 2023 – June 2025)
- *GPA*: 4.00 (unweighted)
- *Coursework*: Spanish 101, Health, Economics, US History 111/ 112, US Government, Statistics, & Spanish 102

Experience

Computer Science Club - *Vice President/ President*
08/ 2023 - Current
- Created lessons for 30+ students in computer science topics (ex. Python)
- Counseled struggling learners on difficult subjects or tasks
- Integrated technology into lessons, when appropriate
- Guided students to create a capstone coding project

CAE-TP Club- *President*
08 /2023 - Current
- Founded official club at my school to help struggling students with the SAT/ ACT
- Tutored 15+ people individually, for free, primarily on the SAT
- Developed lesson plans tailored to the needs of each student and created slideshows/ open-source flashcards for study guides
- Effectively coached one student from a 1250 to a 1550 SAT over the course of a year

Agoura Math Circle- *Math Tutor Volunteer*
10 /2022 - Current
- Taught 160+ students over 3 years and volunteered 90+ hours
- Assisted with homework assignments, quizzes, and tests by efficiently delivering clear/ concise explanations
- Presented high-quality instruction of advanced mathematics topics, ranging from Algebra II to trigonometry, while also preparing students for introductory and intermediate-level math competitions- like AMC
- Assisted and mentored other tutoring community members

Coding/ Computer Experience- *Hobbyist*
07 /2020 - Current
- Experienced in Python
- Proficient in mySQL
- Some knowledge of Javascript and C++
- Developed several projects and uploaded them to GitHub page: (https://github.com/lattermatter?tab=repositories)
- Basic knowledge of Google Cloud Infrastructure, using it host website (URL at the top)

Violin/Carnatic Music, Karate, Life Scout

West Ranch Chamber Orchestra- *Performer*
08 /2021 - Current
- Have been playing the violin for ~9 years, self taught in viola
- Perform classical pieces in the Chamber Orchestra (advanced section) by Composers such as Vivaldi and Bach

- Mentored younger ensemble members in Concert Orchestra (intermediate section) to improve their skill at their instrument

Karate SCV -
Volunteer/Assistant
08 /2021 – 07/2024

- Practicing self defense/martial arts for ~8 years
- Obtained 2nd degree black belt after a rigorous 1 month bootcamp and 2 day long test
- Have volunteered/assisting in teaching the class since 2021, mentor younger student on karate forms and coach warmup drills

Carnatic Music -
Performer
12 /2020 - Current

- Learned cultural singing – Carnatic Music
- Learned over 30+ short pieces, 6+ medium length pieces, and 2 performance songs
- Performed at SCV Tamil Academy Annual Day celebration in 2019 – 2023

Life Scout BSA-
Hobbyist
05 /2018 - Current

- In Boy Scouts of America program for 6+ years, have amassed 100+ service hours through various service projects
- Led a service project for the prestigious Eagle rank, guided ~25 volunteers through a 2 week long, ~230 hour project; built a large storage cabinet for the SCV Food Pantry from scratch
- Amassed leadership experience from teaching younger Scouts practical outdoors skills and leading at Troop outings
- Eagle Scout Candidate, have completed all requirements except for Board of Review

Awards and Honors

- USACO Silver Division Qualifier - Python
- WRHS F/S Regional Triple Jump Award Winner - 3rd Place

Certifications

- Data Science with Python Code HS completion (learned mySQL, AI models such as minimax) - 2024
- Inspirit AI Scholar Program Completion (learned AI structures including neural networks, CNNs, YOLOv3; constructed and trained an AI model and presented outputs of the model and findings to an audience panel) - 2024
- PCEP Certified Python Programmer (Entry-level) - 2024
- PCAP Certified Python Programmer (Associate-level) - 2024

Languages

English:

Native/ Bilingual

Spanish:

Elementary

Tamil:

Native/ Bilingual