Shuvam Mukherjee

Class of 2023
Monta Vista High School

21743 Castleton Street, Cupertino, CA 95014
shuvam1024@gmail.com   408-595-4118
https://github.com/Shuvam1024/compsr

Standardized Test Score and GPA

SAT:	1510 (99th percentile) Retaking on March
Computer Science AP Test:	5
GPA (wt)	4.04

Relevant Coursework (High school & Other)

AP Physics 1	Biology
AP Calc BC	Advanced Programming (Java)
AP Comp Science	Chemistry Honors
Pre Calc-Honors	American Literature Honors

Summer project and self-study (2020-2021)

- Self-studied and implemented various modules of Google's ML crash course with TensorFlow API -2020

- Finished an image/video compression project using some knowledge from last summer ML course. The goal of the project is to improve the resolution of the images or videos at the receiving end when the transmission happened through low internet bandwidth and hence of poor quality. The novelty is to use machine learning (CNN) to improve the quality of the image/video at the receiving end. https://github.com/Shuvam1024/compsr

- Joined Stanford Explore program - A Lecture Series on Biomedical Research (2021)

Main Extracurricular activity: Competitive Soccer

Club Soccer

NPL Soccer:	Grade:
Bay Area Surf (National Premier League)	9, 10
De Anza Force (National Premier League)	11
Starter and near full playtime	9,10

High School Soccer

Monta Vista HS:	Grade:
Junior Varsity	9, 10
Captain	10
Varsity	10, 11

Volunteering

(Grade: 9, 10, 11)

- Offer free English classes to students from low-income families in Huariaca, a small town of Peru. The responsibilities include:
    - Preparing curriculum every week and teach for 1 hour
    - Making it a non-profit and raising funds to arrange laptops/chromebooks for these kids
    - Recruit more volunteers to accommodate more students and grow the program

- Youth volunteer for AYSO South Bay VIP Soccer program to teach soccer to children with special needs www.southbayvipsoccer.org

Hobbies & Interests

- Monta Vista High School Orchestra – Viola
- Music Teacher's Association of California - Honors student for Viola
- Travel photography
- Long Distance Biking
- Member of Ethical Hacking class