MEHUL ARORA

+1 (650) 250 6726 · mehularora@stanford.edu · Stanford, CA · in mehul-arora · ⌂ mehularora8

EDUCATION

Stanford University
B.S. Computer Science
Class of 2023

Relevant Coursework:
- CS 106B: Programming Abstractions
  Autumn 2019
- CS 107E: Computer Systems from
  the ground up
  Winter 2020

SKILLS

C++

Python

Arduino

JavaScript

LaTeX

HTML/CSS

R

ACTIVITIES

Stanford Students Space Initiative (SSI)
Webmaster
December '19 - Present

Stanford Students Space Initiative (SSI)
Co-lead, Balloons Launch Ops
November '19 - Present

XINO - School Computer Club
President
May '18 - May '19

School Senate
Head Boy
May '18 - May '19
Vice Head Boy
May '17 - May '18

SELECTED PROJECTS

- **Abridge -** AngelHack '18
  Developed Web platform in Python to takes notes seamlessly from speech with a 3-member team.

- **MosquitoLoon**
  Stanford Space Initiative in collaboration with Prakash Lab tp fly mosquitos to low altitudes on a balloon to study their morphology
  Developed imaging algorithm in Python using a Raspberry Pi camera module.

- **Hindi Scrabble Anagrammer Web Application**
  Developed web application in JavaScript to provide education to children devoid of resources.

- **Pairfect**
  (Under development) Console based C++ application to generate pairings for each round of scrabble tournaments.

- **ScreenHealth**
  A webpage to remind the user to take care of their health while working on the screen. Also provides useful information like time and weather.

HONORS

- *Qualifier*, Indian National Olympiad of Informatics '17-'18
- *National Rank 2,* SouthEast Asian Mathematics Olympiad '17-'18
- #21 ('17), #22 ('18) World Youth Scrabble Championship
- *Scholar*, National Talent Search Examination '16-'17
- *Scholar*, Kishore Vigyaan Protsahan Yojana '17-'18

RESEARCH

- **Realizing a Microprocessor as a Particle Sensor**
  Participant, CERN Beamline for Schools

- **Space Settlement Design Competitions**
  Honorable mention, NASA AMES SSDC '16.
  1st runners-up, Asian Regional SSDC '15.

WORK EXPERIENCE

EduTech Foundation
Head of Operations, September '18 - May '19
Course Mentor, May '17- September '18

- Created courses about the operation of basic technology in Hindi
- Introduced the concept of "Edutainment" for effective learning.