Aarush Aitha

School Address:
8151 Village Pkwy
Dublin, CA 94568
School Phone: 925-833-3300
My Email: aarush3002@google.com

AA

Objective

I desire to be a cyber defense expert, specializing in software and computer science.

Colleges of Interest: Carnegie Mellon, Cal Tech, UC Berkeley, UC San Diego

Majors of Interest: Cyber Security, EECS, Computer Science, Software Engineering, Computer Programming

Education

Dublin High School 2017-2021 (Expected Diploma: Advanced Scholar)

- Sophomore Year (current GPA: 4.1)
  - Introduction to Structured C++ (A supplemental summer class)
  - Honors Principles of Engineering, AP Chemistry, AP Statistics, AP European History, Spanish 3
- Freshman Year
  - Honors Chemistry, Trigonometry/Precalculus, Computer Science/Software Engineering

Work Experience

Tutor at Pleasanton-North Kumon (Supervised and Recommended by Hester Hing)

Dublin, CA - December 2017 to present

- Grading work and tutoring elementary to middle school age students
- Earned approximately 10 dollars an hour.
  - Since I want to become a cyber defender, teaching will increase my skill in lecturing and teaching at college-level classes.

Extracurricular activities

Dublin High CyberSecurity (2017 - present)

- Sophomore Year
  - Captaining a new team of 6 members
  - Consistently placing in the top 5 percent in the nation
- Freshman Year
  - Captained a team of 6 members
  - Currently in top 10% in the nation (Platinum Division)

Gael Force Robotics Club (2017 - present)

- Sophomore Year
  - Member of competitive team 5327X
  - Learned important skills about programming using PROS (C++ and Java software)
- Freshman Year
  - Member of the Development Team, 5327D (discontinued)
  - Volunteered for the “Battle of Bay” tournament hosted at Dublin High School
  - Developed skills in VEX approved C programming

Volunteer

Habitat For Humanity

Tijuana, Mexico - November 17 2017 to November 22 2017

- Designed and built houses for Pablo, Mario, and Adrian in Tijuana (Northern Mexico). Stayed in an orphanage and helped with chores and cooking with 6 other families.

Tech Support, Mentor, and Emcee at CoderDojo

TriValley Coderdojo - June 2015 - present

- Mentored students in Scratch, HTML, and CSS (Web Design)
- Helped with Lightning Talks (very quick presentations), fixed audio and video-graphical problems
- As of October 2018, member of the Teen Leadership group for TriValley CoderDojo

Skills

- Have knowledge of Java, Python, Command Line, HTML, CSS, C++, and JavaScript
- Certified by the Associated Board of the Royal Schools of Music (ABRSM) Piano, Level 6 of 8
- Certified Black Belt (Degree II) by Pallen's Martial Arts Karate dojo.