
Tanay Sonthalia

Mountain View, CA 94043
(650) 495.8298 • tsonthalia@gmail.com
TanaySonthalia.com
github.com/tsonthalia

OBJECTIVE

I am currently seeking a challenging summer internship or research program in STEM areas to enhance my technical knowledge.

EDUCATION

Mountain View High School, Mountain View, CA

CLASS OF 2020

Junior with academic GPA of 4.50 with the following courses:

- Engineering I & II Technology (SolidWorks CAD, go-kart, drone, hydraulic arm, trip hammer)
- Advanced Computer Science (Data Structures, Java, OOP) & AP Computer Science (Java, OOP)
- AP Physics I (Kinematics, Circular Motion, Mechanics), Chemistry Honors, Biology Honors

Foothill College, Los Altos, CA

A-grade student currently taking the following courses:

- Math 1C (Multivariable Calculus)
- Math 1D (Multivariable Calculus)
- Math 2A (Linear Algebra)

Cosmos, UC Davis, CA - *Biophysics in Computers and Robotics*

JULY 2018 - AUGUST 2018

- created a scanner and printer robot using ROBOTC
- analyzed biophysics data using Python to learn about random walk

SKILLS

- Java - proficient with Object Oriented Programming
- HTML, CSS, JavaScript - experienced with website design and development
- Python - data analysis
- Firebase - database and authentication use
- SolidWorks CAD - mechanical design including 3D printing and laser cutting
- ROBOTC - programming robots

AWARDS

- Eagle Scout (Highest Rank) - Boy Scouts of America
- President's Volunteer Service Award - Gold Rank
- City of Mountain View Mayor Award for Disaster Service
- Awarded first place at 100 Hacks for Puerto Rico, Berkeley
- Won an award at LA Hacks III, Los Altos
- Johns Hopkins Award for Talented Youth
- Mountain View Engineering Student of the Year
- Sportsmanship Award for Varsity Tennis Team

EXPERIENCE

Oracle OpenWorld - Code 4 Kids, Redwood Shores, CA - *Speaker*

2017 - PRESENT

- led a session for 50 students about website design and development to create their first website
- mentored classes for Java, Unity, and ReactJS

MVHacks, Mountain View, CA - *Organizer & Sponsorship Lead*

JANUARY 2018 - PRESENT

- event to provide forum for high schoolers to learn and create projects
- reach out to different technology companies to acquire sponsorships
- manage event funds

Creator's Club, Mountain View, CA - *Founding Member & Treasurer*

AUGUST 2018 - PRESENT

- create projects to support fellow students with various disabilities
- currently designing a interactive sensory wall to keep students engaged

TechLab Education, Saratoga, CA - *Instructor*

JULY 2017 - AUGUST 2017

- led summer classes for middle school students to design and develop websites
- mentored summer classes for Advanced Java and Node.js

Silicon Valley Code Camp, San Jose, CA - *Instructor*

2014 - 2016

- taught a class of 30 students about website design and development to create their first website
- mentored classes for JavaScript, Objective C, and Swift