Tanay Sonthalia

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

OBJECTIVE

Seeking a challenging summer internship or research in STEM areas that involves intellectual challenges and mentorship.

SKILLS

- Java - proficient with Object Oriented Programming
- HTML, CSS - experienced with website design and development
- JavaScript - website logic, animation, database use
- 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

EDUCATION

Mountain View High School, Mountain View, CA

CLASS OF 2020 (Junior)

Scores and Courses:

- Academic GPA: 3.93
- SAT: 1540 | Math II Subject Test: 800 | Chemistry Subject Test: 750
- AP Calculus BC: 5 | AP Computer Science: 5 | AP Language and Composition: 4
- Engineering I & II Technology (SolidWorks CAD, go-kart, drone, hydraulic arm)
- Advanced Computer Science (Data Structures, Java, OOP) & AP Computer Science (Java)
- 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 & Robotics*

Under the guidance of Dr. Ali Dad-del & Dr. Rajiv Singh

JULY 2018 - AUGUST 2018

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

EXPERIENCE

[Oracle OpenWorld - Code 4 Kids](#), Redwood Shores, CA - *Speaker*

2017 - PRESENT

- led a session for 50 students about website design & 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 30 students about website design & development to create their first website
- mentored classes for JavaScript, Objective C, and Swift

References are available upon request