

Ryan Mohta

Aspiring Computer Scientist from the Bay Area

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Relevant Skills

LANGUAGES

Python, Swift, JavaScript, HTML, CSS, Java

TOOLS AND SOFTWARE

APIs: Geolocation, Maps, Natural Language Processing, Text to Speech

IDEs: Xcode, Android Studio, IntelliJ, Atom

Education

UC IRVINE

Class of 2023
B.S., Computer Science

CUPERTINO HIGH SCHOOL

Class of 2019
4.10 WEIGHTED GPA
36 ACT SCORE

RELEVANT COURSEWORK

AP Computer Science
AP Calculus BC
AP Physics C: Mech/E&M
AP Chemistry

Leadership

Co-President, Bay AI Club

Mentor, Tinovation Programming Club

Lead Graphic and Apparel Designer, Cupertino Class of 2019

President, Cupertino Photography Club

Team Captain, Cupertino Track and Field Team

Experience

APP AND EXTENSION DEVELOPER

JUNE 2018 - PRESENT

- Published "Messenger Black", a macOS app and Chrome/Safari extension that brings Scheduled Dark Mode to Facebook Messenger on desktop. Users can manually toggle Dark Mode or automatically align it with sunset/sunrise or their own schedule. Released September 2019.
- Acquired 5,000 users worldwide in the first month, and was featured in the Top 20 Social Networking apps on the Mac App Store.

TEACHING ASSISTANT, AP COMPUTER SCIENCE

AUGUST 2017 - JUNE 2018

HACKATHONS: PIONEER HACKS, CU HACKS, TINOHACKS, ETC. 2016 - PRESENT

- Mentored 5 teams in detail through the process of brainstorming an app, building it in different languages, and perfecting each team's pitch.
- Built "MinuteMen", an Android app that uses the power of the community to connect trained CPR professionals with citizens suffering cardiac arrests.
- Won awards for Second Place Overall Hack, Best Use of APIs, Skillful Integration of Hardware and Software, and Outstanding Beginner Hack.

THE TECH CHALLENGE - *The Tech Museum of Innovation, San Jose* 2015 - 2017

- Collaborated with a team to design and develop devices to solve challenging real-world engineering problems.
- Earned awards in consecutive years for Outstanding Engineering Design Journal and Outstanding Engineering Design Process.

STUDENT AMBASSADOR, SEMI HIGH TECH U - *San Jose*

JUNE 2016

- Mentored and led high school students, some older than me, in an internationally acclaimed 3 day high-tech career exploration program with activities relating to semiconductors, computer technology, chemistry and physics, and binary logic.

EXOPLANET RESEARCH PROJECT

MAY 2015

- Created an orrery and wrote Java code to detect the presence of exoplanets in other solar systems. My video presentation is featured on the NASA Kepler website.

Volunteer Work

THE TECH MUSEUM OF INNOVATION - *San Jose*

NOVEMBER 2016 - JUNE 2019

- Volunteered biweekly as an "Exhibit Interpreter," engaging with guests and helping them explore new technologies in robotics, cybersecurity, and VR/AR. 200+ hours.
- Awarded the Janie & Wayne Lambert Scholarship for outstanding achievements in community service and academic accomplishment.

CODE FOR FUN PROGRAMMING CAMP - *Saratoga High School*

JUNE 2017

- Helped teach middle schoolers how to program using Raspberry Pi and Arduino boards.

RECREATION LEADER IN TRAINING - *City of Cupertino*

JUNE - JULY 2016