

Ryan Mohta

Aspiring Computer Scientist from the Bay Area

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Skills

PROGRAMMING

Advanced (6+ yrs):
Java development

Proficient (3+ yrs):
HTML/CSS/JavaScript

Familiar (1+ yr):
NodeJS and Swift

TOOLS AND SOFTWARE

APIs: Google Maps, Natural
Language Processing, Text to
Speech, Bootstrap

IDEs: Xcode, Android Studio,
IntelliJ, Atom

Microsoft Office Suite
Photoshop, Illustrator

Education

CUPERTINO HIGH SCHOOL

Class of 2019

4.15 WEIGHTED GPA

36 ACT SCORE

RELEVANT COURSEWORK

AP Computer Science

AP Calculus BC

AP Chemistry

Leadership

Mentor, Tinovation
Programming Club

President, Cupertino
Photography Club

Team Leader, Cupertino Track
and Field Team

Member, Cupertino High
School Marching Band

Lead Graphic and Apparel
Designer, Cupertino Class of
2019

Objective

Looking for a fun and rewarding summer opportunity to enhance my skills and gain real world experience in the field of Computer Science while providing valuable contributions.

Experience

TEACHING ASSISTANT, AP COMPUTER SCIENCE

AUGUST 2017 - PRESENT

- Help students understand complicated computer science concepts and apply them to programs and applications.

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

- Mentored five 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. Presented to the Cupertino City Council.
- Developed "Hack Politics", an app that analyzes media sources for potential bias towards a particular political candidate, utilizing IBM's Watson Bluemix Natural Language API.
- 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.
- Guided fellow students in activities relating to semiconductors, computer technology, chemistry and physics, and binary logic.

Volunteer Work

THE TECH MUSEUM OF INNOVATION - San Jose

NOVEMBER 2016 - PRESENT

- Currently volunteering biweekly as an "Exhibit Interpreter," engaging with guests and helping them explore new technologies in various scientific fields such as robotics, cybersecurity, physics, and virtual/augmented reality.

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

- Worked with campers aged 3-13 in half/full-day science, nature, playground, and preschool camps.