Ry Ryan Mohta
FRONT-END DEVELOPER & DESIGNER

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Relevant Skills

DEVELOPMENT

Languages: Python, C++, Swift, JavaScript, HTML, Sass/CSS, Java

Frameworks: React, Vue, Angular, Ionic

DESIGN

Component-based UI/UX layout design, vector graphics/illustration, Figma

Education

UC IRVINE
Computer Science, BS (Expected 2023)

Cumulative GPA: 3.7

Relevant Coursework:

- Intermediate Python
- Programming in C++
- Discrete Math for CS
- Computational Linear Algebra

CUPERTINO HIGH SCHOOL
2015 - 2019

Activities and Leadership:

- Co-President, Bay AI Club
- Mentor, Tinovation Programming Club
- Teaching Assistant, AP Computer Science
- President, Cupertino Photography Club
- Team Captain, Cupertino Track and Field Team
- Lead Graphic and Apparel Designer, Cupertino Class of 2019

Experience

UNDERGRADUATE RESEARCH ASSISTANT - *UC Irvine*   MAY 2020 - PRESENT

- Developing a mobile app that dynamically generates Snapchat stickers based on health data such as steps taken, heart rate, and calories eaten.
- Implemented the Ionic Angular framework to create a component-based, cross-platform experience for iOS and Android.

PROJECTS COMMITTEE, UCI ICS STUDENT COUNCIL   MARCH 2020 - PRESENT

- Working in a front-end development team for "PeterPortal," an all-in-one course planning and scheduling website, using the React framework.
- Designing components of the website's user interface using Figma design software.

EVENTS COMMITTEE, UCI ICS STUDENT COUNCIL   OCTOBER 2019 - PRESENT

- Working in a committee to develop and facilitate events to bring the UCI Information and Computer Science (ICS) community together.
- Events impact ICS students technically and socially, and include the Reverse Career Fair, Alumni Panel, and ICSSC x Design Online Design Challenge.

HIGH SCHOOL HACKATHON MENTOR   2017 - 2019

- Mentored 5 teams in detail through brainstorming, building, and pitching an app.

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

- Collaborated with a team to design/develop devices to solve challenging real-world engineering problems. Awarded for engineering journal and process.

Projects

MESSENGER BLACK: SCHEDULED DARK MODE   JUNE 2018 - SEPTEMBER 2019

- Created 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.
- Acquired 30,000 users worldwide in the six months since September 2019 release, and was featured in the Top 20 Social Networking apps on the Mac App Store.

TAPESTRY: CODE VISUALIZATION FOR PYTHON   FEBRUARY 2020 - PRESENT

- Co-developing an online code visualization tool that creates easy-to-understand diagrams based on inputted Python code.
- Won Best Entrepreneurial Hack award at HackUCI 2020, which included a $1,000 grant, $5,000 of AWS credit, and continued mentorship from 1517 Fund.
- Working on the front-end of the project: created the website user interface/design, and wrote the script that sends Python code from the code editor to the backend.

Volunteer Work

THE TECH MUSEUM OF INNOVATION - *San Jose*   NOVEMBER 2016 - JUNE 2019

- Awarded $1,300 Janie & Wayne Lambert Scholarship for outstanding achievements in community service and academic accomplishment. 200+ hours as Exhibit Interpreter.