

# Harshil Panchal

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## EDUCATION

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### University of California, San Diego

Computer Science B.S.

2020 – 2022

GPA: 4.00

### Ohlone College

Computer Science A.S. (with Highest Honors)

2018 – 2020

GPA: 3.89

#### Relevant Coursework:

- OOP with C++, Java Programming, Data Structures & Algorithms, Discrete Structures/Math, Assembly Language
- Linear Algebra, Calculus with Analytic Geometry 3-course series, Differential Equations

## PROJECTS

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### Django Blog

Fremont, CA

September 2020

- Built blog/forum web app that gives users a platform to share content and have discussions on numerous topics
- Features multiple boards (topics), post, like/dislike, and profile system similar to *reddit.com*
- Created with Django and Bootstrap4, and database implemented with SQLite

### Grocery Manager

Ohlone College | Fremont, CA

April 2020 – May 2020

- Simulated an online grocery store to facilitate safe shopping for high-risk individuals during COVID-19 pandemic
- Placed significant emphasis on application of data structures/algorithms (map, priority queue, stack, linked list) in C++
- Designed and implemented a modified linked list from ground up to extend functionality

### EmMe – Emotion & Me

TreeHacks Hackathon | Stanford University, CA

February 2019

- Created an interactive text-bot to track and categorize emotional data, with alerts sent to trusted contacts after extended periods of negative spikes
- Monitored mental/emotional health with JavaScript, IBM Natural Language Understanding (NLU) APIs, Twilio, and Firebase

### Library Room Booking System

Ohlone College | Fremont, CA

November 2018 – January 2019

- Worked alongside college admin and staff to create a service for students to quickly and easily book study rooms
- Member of front-end team, used HTML/CSS and Bootstrap to design overview and booking pages

## LEADERSHIP AND EXTRACURRICULARS

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### Dot-Slash Computer Science Club | President

Ohlone College | Fremont, CA

December 2019 – May 2020

- Created personalized programs to encourage growth and strengthen technical skills with personal projects
- Led weekly meetings that educated members (**20+**) about web technologies and API usage in projects
- Provided platform for members to network with club alumni employed by tech-companies (Google, IBM, and Microsoft)

### Agents of Change | Project Head

Grassroots Student-Org Supported by Congressman Ro Khanna | Fremont, CA

July 2014 – January 2018

- Co-Founder of Literacy Rates/Reading for Kids program in local county libraries
- Led program that created and fostered kids' (grades 3-6) interest in reading and promoted excellence (**25+ kids**)

## SKILLS

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**Programming Skills: (Intermediate)** C++, Java **(Novice)** Python, Django, JavaScript, HTML/CSS, Swift

**Languages:** English, Hindi, Gujarati