**Harshil Panchal**

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**EDUCATION**

**University of California, San Diego 2020 – 2022**

Computer Science B.S. GPA: x.xx

**Ohlone College 2018 – 2020**

Computer Science A.S. (with Highest Honors) 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**

**Django Blog September 2020**

Fremont, CA

* 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 April 2020 – May 2020**

Ohlone College | Fremont, CA

* 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 February 2019**

TreeHacks Hackathon | Stanford University, CA

* 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 November 2018 – January 2019**

Ohlone College | Fremont, CA

* 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**

**Dot-Slash Computer Science Club | President December 2019 – May 2020**

Ohlone College | Fremont, CA

* 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 July 2014 – January 2018**

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

* 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**

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

**Languages:** English, Hindi, Gujarati