Harshil Panchal

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EDUCATION

University of California, San Diego   **September 2020 – December 2022**
Computer Science B.S.   GPA: 3.63

Ohlone College   **2018 – 2020**
Computer Science A.S. (with Highest Honors)   GPA: 3.89

Relevant Coursework:

Operating Systems*****, Computer Security*****, Software Engineering*****, Data Structures/Algorithms*****, Computer Vision*****, Algorithm Design/Analysis, Database Systems, Assembly Language*****, Theory of Computation, OOP with C++*****, Java Programming*****

[* indicates a grade of A- or higher received]

PROJECTS

Bullet Journal   **April 2021 – May 2021**
UC San Diego | La Jolla, CA

- Created CRUD web application in quarter-long Software Engineering course in a team of 8
- Front-end lead, worked with **all 8 team members** to implement multiple features in daily and weekly logs
- Created main layout for both views (daily/weekly), introduced and **added 5 core features** (event/task options, task tags, media uploads, calendar view with time-spanning events, and task section in calendar view)
- Used vanilla JavaScript and HTML/CSS

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
- Significant emphasis on creation and implementation of data structures/algorithms (map, priority queue, stack, linked list) in C++

EmMe – Emotion & Me   **February 2019**
TreeHacks Hackathon | Stanford University, CA

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

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 teaching **20+ members** about web technologies and API usage
- Guided and worked alongside **5-10 members** in weekly Leetcode problem-solving sessions
- Provided platform for members to network with club alumni employed by tech-companies (Google, IBM, Microsoft)

SKILLS

Programming Skills: (Intermediate) C/C++, Java, JavaScript **(Novice)** Python, Django, NodeJS, HTML/CSS, SQL
Languages: English, Hindi, Gujarati