Harshil Patel

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Education

SEPT 2019 –
JUNE 2023

Bachelor of Science: Computer Science

University of California - Davis - Davis, CA

- **GPA**: 3.6 / 4.0
- **Relevant coursework**: Operating Systems, Artificial Intelligence, Web Development, Machine Learning, Software Development, Object-Oriented Programming, Data structures, Algorithm Design and Analysis, and Computer Architecture.

Work Experience

JUNE 2022 –
SEPT 2022

Software Developer Intern

Orange Technolab, Ahmedabad, Gujarat, India

- Improved accuracy of the travel tracking feature by programming a new demo using Java, Google directions API, and Android studio that displays the travel path to the destination including detours.
- improved their android app by solving various bugs.

Projects

JAN 2023 - JUNE 2023

Gem5 Vision

- Creating an infrastructure for the open source Gem5 project to allow users to search for, use and update resources easily.
- The infrastructure includes a website, a resource manager, changing current resources to support semantic versioning and transferring them to MongoDB.

APRIL 2022

Unify Student Assistant, Hack Davis Winner

- Worked in a group to develop a responsive web app and discord bot using Python, React, JavaScript, and SQLite to allow students to search, add, see ratings of professors, and export added classes to the calendar for UC Davis courses.
- Created Restful APIs using Python and Flask to get the relevant data from the rate my professor and the UC Davis website.

Skills

Proficient

- C, Python, Java, C++, HTML, CSS, React, SQLite

Familiar

- Go, Flutter (dart), Android Studio, OpenCV, Flask, Express, MongoDB