

Parth Shah

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EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS

BS IN COMPUTER SCIENCE AND ENGINEERING

Class of '23 | Davis, CA

GPA: 3.7 / 4.0

SKILLS

Proficient with:

- Java • C++ • C • Flutter • Python
- Django • HTML • CSS • JavaScript
- ReactJs • NodeJs • Git • MySQL • Bash
- \LaTeX • R • Matlab • Assembly
- Tensorflow

AWARDS

2022	Winner	SacHacks
2022	Winner	HackDavis
2021	2 nd	HackDavis
2020	Top 30	PennApps XXI
2020	Top 20	Google Solution
2020	1 st /800+	HackDavis

PROJECTS

GEM5 VISION | WEBSITE | GITHUB

Jan 2023 - June 2023

- Improved the gem5 Resource Infrastructure by implementing advanced search functionality for resource discovery within the gem5 ecosystem.
- Introduced a comprehensive resource categorization system, allowing users to access specific resource types based on their requirements.
- Expanded gem5's database support by integrating various options, providing devs with multiple options for storing, retrieving, and managing resources.

STADIA WIRELESS | GITHUB

July 2022

- Allows the Google Stadia Controller to be used wirelessly with the use of websockets.
- Has 300+ stars with multiple articles written about it.

GAIZE | WEBSITE GITHUB

Jan 2021

- Gaze detection using the live camera feed based using a CNN model.
- Second place at HackDavis for Best use of TensorflowJs

VEGGIEBUDDIE | WEBSITE GITHUB

Jan 2020

- An app for those with diet restrictions, tells if safe to eat using an image of the ingredients
- Most Social Good Hack, Second best use of Google Cloud Platform at HackDavis. One of the top 20 solutions at Google's Solution Challenge.

EXPERIENCE

AMAZON | SDE, CONTRIBUTION PIPELINE

July 2023 - Present | Sunnyvale, CA

- Worked on Progressive Listing Experience to reduce seller friction by allowing them to crosslist products by simply providing a url. Amazon then scrapes the url and uses a LLM to convert it into Amazon schema. Check it out at aboutamazon.com/news/innovation-at-amazon/amazon-generative-ai-powered-product-listings.
- Working on developing and maintaining Amazon's catalog contribution ingestion pipeline.

AMAZON | SDE INTERN, ITEM PIPELINE

June 2022 - Sep 2022 | Sunnyvale, CA

- Managed to create a Code Analyzer that detects bugs and enforces coding practices before deployment which would be used by over 8 teams consisting of over 100 users
- Worked with Java and Typescript while building Lambdas, SNS Topics, Pipelines, VPCs, Hosted Zones.

OPAL, LLC. | JUNIOR DEVELOPER

Sep 2021 - June 2022 | Remote

- Working with Flask, Django and, ReactJs to create a online NFT marketplace
- Leading the Social Media team which is developing a social media platform for users to interact with each other

BIT PROJECT | WORKSHOP LEAD

Oct 2019 - Feb 2020 | Davis, CA

- Got the chance to work closely with companies such as MongoDB, Pusher and, Twitter to host workshops with 50+ audience members.

- Created various tutorials and learnt MERN Stack, Twitter API, Website designing, JavaScript.

NIYANTRAS | INTERN

2019 | Vadodara, IN

- Helped to create a BLE based IOT solution for low budget systems.
- Worked on researching different modules and programmed a Raspberry PI to interact with their mobile app