

MAHIKA SHAH

COMPUTER SCIENCE & ENGINEERING

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EDUCATION

University of California, Merced

August 2023 - Present

Bachelors of Science | Computer Science and Engineering

Relevant Coursework: Discrete Mathematics (Python), Intro to programming (C++), CSE030 (data structures)

College Park High School

August 2019 - May 2023

LANGUAGES & FRAMEWORKS

C++
C#
Python

Javascript
Ruby
CSS

React
HTML
React Native

Bootstrap
SQL
TensorFlow

RELEVANT EXPERIENCE

Externship

July 2024 - August 2024

Blockchain and Web3 Security Research Externship Intern

- Conducted comprehensive blockchain technology analysis, by identifying emerging blockchain technologies, assessing market positioning and technological offerings, to identify industry trends and innovation opportunities
- Analyzed Web3 security competitors of non-mainstream Web3 security startups, delineating product offerings, strategic market placement, and consumer insights to spotlight potential market disruptors
- Created strategic market map, culminating cutting-edge blockchain solutions tailored to enhance company competitiveness in digital landscape

PROJECTS

Wordle-Helper

[Repo](#)

- Helper program for Wordle game
- C++, data structures and algorithms

Portfolio

[Repo](#) | [Live Demo](#)

- Full Stack Developer curated portfolio made from scratch using HTML, CSS, Javascript
- Visual Studio Code & React.js

PlanIt

[Repo](#) | [Live Demo](#)

- AI Platform for users that helps create a diet plan based on specific issue (PCOS, Diabetes, E.T.C)
- Frontend: React Native, HTML, CSS
- Backend: TensorFlow, Python

AlzMem

[Repo](#) | [Live Demo](#)

- Platform for alzheimer patients to use combination of reminders, repetition, and associations to help the patient retain memory such as top priority tasks, normal priority tasks
- Mechanism for reporting memory performance to healthcare providers based on user feedback
- Frontend: React Native, Tailwind CSS
- Backend: Node.js
- Data analysis: TensorFlow

- A platform that can automatically generate an itinerary based on the destination given.
- Can create custom itineraries based on user preferences and constraints.
- Frontend: React, Next.js, Tailwind CSS
- Backend: Typescript, Express.js, Node.js
- Machine Learning: Python with Flask

CERTIFICATIONS

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|---|----------------------|
| • Code Camp Machine Learning with Python Certification | December 2024 |
| • Coursera IBM Full Stack Software Developer Professional Certificate | January 2025 |

ASSOCIATIONS

- GMI - Global Mentorship Initiative
- UC Merced Maza - South Asian Dance Club Vice President