ADIT KHANDELWAL

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EDUCATION

University of California, Merced   Merced, CA
Bachelor of Engineering, Majoring in Computer Science and Engineering   Expected May 2026
GPA: 3.56

Relevant Coursework: Intro to Programming, Discrete Mathematics, Advanced Programming, Data Structures (IP)

PROJECTS

Face Recognition App (HTML, CSS, JavaScript, React, PostgreSQL, Node.js, Express.js ClarifAI API)   Sep 2023
- Developed full-stack web app that performs face recognition in images utilizing **ClarifAI API**, employing **React** for the front-end and **Node.js** with **Express.js** for the server-side, with **PostgreSQL** for efficient database management
- Implemented a secure sign-in landing page using **React**, and **Node.js** with **Express.js** for the server, to enhance user experience and privacy utilizing **PostgreSQL** for database management to securely store user credentials
- Integrated **ClarifAI** face recognition API to accurately locate and identify faces within provided PNG image

Personal Portfolio Website (HTML, CSS, JavaScript)   July 2023
- Developed an interactive personal portfolio website using **HTML**, **CSS**, and **Javascript** to showcase professional experiences, projects, and qualifications
- Enhanced user engagement through the integration of interactive buttons, links, and a user-friendly navigation bar
- Utilized **JavaScipt** to link the website to a Google Sheet for storage and management of user inquiries and data

Google Snake Clone (Python, pygame)   Jun 2023
- Utilized **Python** and **pygame API** to develop a faithful clone of the Google Snake game, replicating its graphics and sound effects
- Implemented responsive controls and replicated the iconic gameplay features of the original

Discord Bot (Python, Discord.py)   Dec 2022
- Developed a Discord bot using **Python** and the **Discord API**
- Implemented a Rock-Paper-Scissors game feature within the bot, allowing users to play against a computer opponent
- Utilized asynchronous functions to listen for and respond to user keywords to ensure responsive interactions with users

WORK EXPERIENCE

KUMON | Instructor   Dublin, CA | Sep 2019 – Mar 2020
- Taught preschool to high school students Grade-specific Math and Reading

TANDOORI PIZZA | Kitchen / Front   San Ramon, CA | Dec 2021 – Apr 2022
- Learned to make/cut/serve/box pizzas while memorizing the menu
- Helped me exercise my skills of teamwork, time management, and eagerness to learn

ACTIVITIES

First Tech Challenge | Team 5776P   San Ramon, CA | Aug 2018- June 2022
- Programmer and Builder for team 5776P at Dougherty Valley High School Robotics
- **Designed, built, and programmed robots** using **RobotC** and Vex V4 and V5 parts to compete in FTC competitions

BOY SCOUTS: San Ramon, CA
- Held numerous leadership positions - Patrol Leader, Instructor, Historian, Scribe
- Elected as Wolfeboro Pioneer; An honor society that continues at Camp Wolfeboro
- Planned for, and led scouts on campouts, hikes, volunteer opportunities, and other events

DOXA | Volunteer   Tijuana, Mexico | Apr 2017 – Jul 2017
- Worked with a team of volunteers to build a house in Tijuana for a family in need of housing
- Included woodwork, painting, loading & transporting material to the building site, nailing, building walls & roof, and installing windows & doors, while developing critical teamwork skills, and getting a perspective on family life and culture in Tijuana
- On Completion, we had the pleasure of handing over the keys directly to the recipient family

ADDITIONAL

Technical Skills: C++/C, Javascript, HTML/CSS, Python, Java, React, Node.js, Express.js, PostgreSQL
Languages: English (Fluent/Native), Hindi (Fluent/Native), Spanish (3 years), Japanese (Elementary)

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