

ADIT KHANDLWAL

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EDUCATION

University of California, Merced

Expected May 2026

Bachelor of Engineering in Computer Science and Engineering | GPA: 3.64

Relevant Coursework: Discrete Mathematics, Advanced Programming, Data Structures, System Design and Assembly, Algorithm and Design Analysis

PROJECTS

HACK MERCED IX | (HTML, CSS, JavaScript, React, Python, Flask, GoogleMaps API) March 2024

- Developed a web app, NutriFinder, in a 36-hour time frame with 3 other individuals at Hack Merced IX to assist users in finding food items based on preferences, in addition to providing nutritional information
- Utilized **React** for the front end, **Flask** for the backend, along with **Python** and **google Maps API** to gather data and create a user-friendly interface
- Presented **NutriFinder** to professionals in the tech industry, demonstrating effective teamwork, problem-solving skills, and the ability to deliver a functional product under tight deadlines

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 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 **JavaScript** to link the website to a Google Sheet for storage and management of user inquiries and data

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

- Offered assistance to students at a KUMON learning center for both Math and Reading up to college level

TANDOORI PIZZA | Kitchen / Front San Ramon, CA | Dec 2021 – Apr 2022

- Gained hands-on experience in pizza preparation and customer service
- Demonstrated teamwork, time management, and adaptability in kitchen and customer-facing roles to perform under pressure

ACTIVITIES

Game Development Club Officer | Treasurer Merced, CA | February 2024- Current

- Organized a game development mixer, bringing together **25+** enthusiasts to form teams, and initiate collaborative projects
- Facilitating weekly development group meetings, providing a conducive environment for creative collaboration
- Collaborating with fellow officers to plan and execute a game jam event schedules for April 5-7

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, Wolfeboro Poioneer
- 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 woodworking, painting, loading & transporting material to the building site, nailing, building walls & roof, and installing windows & doors, while developing critical teamwork skills, and gaining perspective on life and culture in Tijuana

SKILLS & LANGUAGES

Technical Skills: C++/C, Javascript, HTML/CSS, React, Python, Flask, Java, Node.js, Express.js, PostgreSQL, Heroku

Languages: English (Fluent/Native), Hindi (Fluent/Native), Spanish (3 years), Japanese (Elementary)

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