

# TAREK CHAALAN

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## EDUCATION

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**Bachelor of Science in Computer Science**, California State University, Fullerton Expected Aug 2024  
Pursuing a comprehensive computer science curriculum focused on practical applications. Aiming for in-depth knowledge and hands-on software development experience to contribute innovative tech industry solutions. GPA: 3.51.

## SKILLS

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<b>Technical Skills</b>	Python, C++, HTML, CSS, JavaScript, React Native, Node.js, Django, Flask, Expo, Firebase, Git, RESTful APIs, Agile Methodologies, SQL, NoSQL
<b>Soft Skills</b>	Exceptional problem-solving, Strong communication, Creative thinking, Leadership, Adaptability, Team collaboration, Time management
<b>Other Skills</b>	Project management, Continuous integration/continuous deployment (CI/CD), Data analysis, Public speaking, Multilingual (English, Arabic)

## EXPERIENCE

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<b>Software Engineering Intern</b> Al Mailam S. [Remote]	Jun 2023 - Aug 2023 <i>Kuwait City, Kuwait</i>
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- Assisted in revamping the corporate website, focusing on sleek design and improved navigation to enhance the overall user experience.
- Managed and organized digital files for senior management, improving retrieval efficiency and supporting internal operations.
- Engaged in collaborative web development in a remote setting, demonstrating adaptability and proficiency in digital communication tools.

## PROJECTS

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**Flight Price Finder:** A web application leveraging Python for backend and HTML, CSS, JS for the frontend to compare flight prices dynamically, demonstrating full-stack development and API integration capabilities.

**Meal and Fitness App:** Developed using the Expo framework, React Native, and Firebase (Google Cloud), this app offers comprehensive meal planning and fitness tracking features, showcasing mobile app development and cloud-based data management.

**Blackjack:** Developed a text-based Blackjack game playable in the terminal, using Python. The game features dynamic typewriter-style text output, colored card display using the termcolor library, and complex game logic including betting, doubling down, and chip management. Utilizes custom modules for game mechanics, deck management, and player interactions, demonstrating advanced Python programming and terminal UI design.

**AI Audible Chatbot:** Utilizes OpenAI's API for generating speech from text and Pygame for audio playback management. Features a Tkinter GUI for user interaction with play, pause, and resume functionalities, demonstrating proficiency in API utilization, audio handling, and GUI application development.

**Featured Projects:** Developed a powerful *Client-Server File Transfer system* in Python, enabling secure and efficient file management across networks. Created a *Video Compressor tool*, utilizing FFmpeg for lossless compression, enhancing storage efficiency. Designed a *dynamic Weather App*, leveraging Django with real-time data fetching from APIs, providing personalized weather forecasts and environmental conditions with an intuitive user interface. These projects underscore my expertise in network communication, data manipulation, and web application development.