

# TAREK CHAALAN

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## EDUCATION

**California State University, Fullerton**

*Bachelor of Science in Computer Science*

*GPA: 3.6*

*Relevant Coursework: Data Structures, Algorithms, Database Management, Front and Back end Development, Artificial Intelligence, Software Development*

Fullerton, CA

August 2022 - August 2024

## RELEVANT EXPERIENCE

**Al Mailam S. — Kuwait City, Kuwait**

Jun 2022 - Aug 2022 (in-person), Aug 2022 - Aug 2023 (remote)

*Full Stack Developer Intern — HTML, CSS, Javascript, NodeJS, Agile*

- Contributed to the redesign of the corporate website, focusing on modern aesthetics and better navigation to improve user experience.
- Streamlined digital file management for senior staff, boosting efficiency in file retrieval and internal operations.
- Collaborated on web development projects remotely, showcasing adaptability and effective use of digital communication tools.
- Participated in scrum meetings and completed assigned tasks within each sprint, employing agile methodologies to complete each task on time.

## PROJECTS

**Fit-Fuel (Senior Capstone Project):** *Typescript, React-Native, Node.js, Firebase*

Jan 2024 - May 2024

- Provides personalized meal planning and fitness tracking features.
- Utilizes cloud-based data management for seamless user experience.
- Implements Firebase for authentication, database, and storage.
- Integrates multiple APIs for ingredients list, workout plans, and meal recipes.
- Features Openfoodfacts barcode scanner and a custom-made equipment scan object detection using Roboflow.

**Company Management API:** *Python, Flask, MongoDB, JWT, Bcrypt*

Mar 2024 - May 2024

- Collaborated with two team members to develop a comprehensive API for managing company operations.
- Implemented RESTful API routes for managing employees, accounts, tasks, and projects.
- Utilized JWT for secure authentication and Bcrypt for password encryption.
- Integrated MongoDB for efficient data storage and retrieval.

**Blackjack:** *Python, termcolor*

Jun 2023 - Oct 2023

- Developed a text-based Blackjack game playable in the terminal, using Python.
- Features dynamic typewriter-style text output, colored card display, and complex game logic including betting, doubling down, and chip management.
- Utilized json to keep track of chip count between sessions, allowing users playing with friends to pick up where they left off.

**AI Audible Chatbot:** *Python, OpenAI API, Tkinter, Pygame*

Jan 2024 - Feb 2024

- 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, includes API utilization, audio handling, and GUI application development.

## TECHNICAL SKILLS

**Languages**

Python, C++, HTML, CSS, JavaScript, SQL, NoSQL

**Frameworks**

React Native, Node.js, Django, Flask, Expo

**Platforms and Tools**

Firebase, OpenAI, Microsoft Office Tools, Git, GitHub, RESTful APIs, Agile Methodologies, Roboflow