

# TAREK CHAALAN

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## EDUCATION

**Bachelor of Science in Computer Science**, California State University, Fullerton Expected 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.

## SKILLS

<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

**Software Engineering Intern** Jun 2023 - Aug 2023  
Company Name Fullerton, CA

- Contributed to the development and optimization of scalable web applications, significantly enhancing user experience and performance.
- Collaborated on a cross-functional team to design and implement a real-time data processing feature, increasing system efficiency by 30%.
- Employed Agile methodologies to streamline project workflows, resulting in a 15% reduction in development cycle times.

**Tutor** Jun 2021 - Jun 2022  
Nova Academy Fullerton, CA

- Designed and delivered personalized tutoring sessions in computer science subjects, leading to an average 20% improvement in students' grades.
- Developed and utilized innovative teaching materials and strategies, significantly enhancing student engagement and learning outcomes.
- Facilitated workshops on coding best practices and technology trends, empowering students with current industry knowledge.

## PROJECTS

**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.

**Multi-API Weather App:** Integrates multiple data APIs to fetch and display weather information, developed using Python for backend operations and HTML/JS for frontend, evidencing skill in creating data-driven web applications.

**Additional Projects:** Engaged in various other projects including a terminal-based Blackjack game, an AI-Powered audible Chatbot, a company website using HTML, CSS, and JS, and a recreation of Apple's calculator app, further demonstrating a broad range of software development skills.