# Jeffrey Huang

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(626)-272-2904

## EDUCATION

**UNIVERSITY OF CALIFORNIA, IRVINE**                                         **Irvine, CA**
Bachelor of Science in Computer Science (Specialization in Information)            *June 2022*
GPA: 3.4/4.0, 5x Dean's Honor List

**Relevant Courses:** Data Structures & Algorithms, Databases, Big Data, UI/UX, Object-Oriented Programming, AI

## TECHNOLOGY & SKILLS

**Languages & Frameworks:** Python, Javascript, Java, C, C++, SQL, NoSQL, React, React Native, Node.js, HTML

**Databases:** AWS DynamoDB, Amazon RDS, AWS Opensearch (Elasticsearch)

**Software & Services:** AWS Lambda, Notion, Trello,  Jira, Github, Docker, Jupyter Notebooks

## WORK EXPERIENCE

**NUTRIPAIR**                                                                **Irvine, CA**
Backend Software Engineer                                          *January 2022 - Current*

- Spearheaded design of database in **AWS DynamoDB** and **Opensearch,** used for storing and querying restaurant data
- Coded and **deployed AWS Lambda scripts** using Python to pipeline DynamoDB data to AWS Opensearch, allowing full-text search capabilities
- Efficiently **queried 8,000+ records** of critical food data to generate relevant restaurant allergen data
- Strategized with 5 other software engineers to develop **APIs and microservices**, linking backend DynamoDB data to the web and mobile applications
- Created storyboards in Jira involving business requirements, development, and testing, improved cross-team communication and efficiency by **50%**

**NUTRIPAIR**                                                                **Irvine, CA**
Full-Stack Engineer Intern                                      *August 2021 - January 2022*

- Developed critical API calls connecting **Elasticsearch endpoint** data to mobile application frontend
- Designed and implemented **React Native** user registration screens and search bars for mobile application home page, utilizing former API calls

**UNICEF at UCI**                                                            **Irvine, CA**
Board Member Volunteer                                            *June 2020 - June 2021*

- Managed club's social media and website to publicize volunteering and advocacy events
- Co-hosted general meetings, social events, and advocacy events on food security, education, and health

## PROJECTS

**Health and Wellness Android App**

- Created notification system that monitors and alerts users when they have reached their screen time limit
- Coded and deployed recommendation and search system to suggest productive apps and activities based on user interests