

# Alexis Vu

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## EDUCATION

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**California State University, Fullerton**

*B.S. Computer Science*

Fullerton, CA

*May 2024*

## EXPERIENCE

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**Trader Joe's**

*Crew Member*

Oct. 2019 – Present

*Orange, CA*

- Collaborate with team members to maintain an organized and efficient product section, improving workflow and ensuring a positive customer experience.
- Demonstrate problem-solving abilities by addressing customer concerns or product issues in real-time, contributing to customer satisfaction and store success.
- Engage with customers on the sales floor to provide recommendations and build product knowledge, fostering a welcoming and informative environment.

## PROJECTS

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**Object Detector** | *React, JavaScript, Tensorflow.js, COCO-SSD, HTML, CSS*

- Developed a web app with **React** and **Tensorflow.js**, using the **COCO-SSD** model for real-time object detection in images and webcam streams, enabling users to identify objects instantly.
- Implemented customizable detection settings for **max detections** and **confidence thresholds**, allowing users to adjust precision for optimal results in diverse environments.

**TaskPilot** | *Python, Flask, Celery, Redis, Nginx, MySQL, JWT, Postman*

- Created a backend app for managing tasks, allowing users to **register, log in, and perform CRUD operations** via API requests.
- Integrated **Celery** and **Redis** to manage tasks asynchronously, reducing wait times for task processing.
- Secured API endpoints with **JWT** authentication, restricting access to unauthorized users.

**QuizLingo** | *Kotlin, Google ML Kit Translator API, Unsplash API*

- Developed a **mobile language learning app** in **Kotlin** that boosts vocabulary retention through interactive quizzes that test word knowledge.
- Incorporated the **Unsplash API** to display relevant images for randomly selected words, enhancing learning with visual aids.
- Utilized the **Google ML Kit Translator API** to verify user inputs, ensuring accuracy and providing immediate feedback on language assessments.

**University Database** | *HTML, CSS, MySQL, PHP*

- Designed a university database system using **MySQL** and **PHP** to store and organize data about students, courses, and faculty.
- Built an intuitive interface with **HTML** and **CSS**, allowing users to retrieve information from the database.

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, JavaScript, HTML, CSS, Kotlin

**Frontend:** React, Next.js, Tailwind CSS

**Backend:** Flask, SQL (MySQL), PHP