

Alexis Vu

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EDUCATION

California State University, Fullerton

B.S. Computer Science

Fullerton, CA

May 2024

EXPERIENCE

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

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

- Built a web application using **React** and **Tensorflow.js** with the **COCO-SSD** model, enabling real-time object detection via webcam and image uploads.
- Added customizable detection settings for **max detections** and **confidence thresholds**, offering users flexibility in adjusting detection precision.

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

- Integrated **Celery** and **Redis** to handle asynchronous tasks, improving system responsiveness and scalability for **user authentication** and **task management**.
- Created and secured **RESTful API** endpoints with **JWT** authentication, facilitating safe communication between microservices.

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

- Developed a **language learning app** in **Kotlin** that boosts **vocabulary retention** through interactive quizzes and gamified experiences.
- Incorporated the **Unsplash API** to pull relevant images for randomly selected words, enhancing learning with **visual aids**.
- Utilized the **Google ML Kit Translator API** to validate user inputs, ensuring the accuracy of language assessments.

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

- Designed a **university database system** using **MySQL** and **PHP**, optimizing **data organization** and **retrieval processes**.
- Built a **user-friendly interface** with **HTML** and **CSS**, improving accessibility and simplifying database interaction for students and faculty.

TECHNICAL SKILLS

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

Frontend: React, Next.js, Tailwind CSS

Backend: Flask, SQL (MySQL), PHP