

# David Yang

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Based in Broomfield, CO

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## EDUCATION

### University of California, Merced

Bachelor of Science

AUGUST 2018 - DECEMBER 2022

- Computer Science & Engineering
- Hmong Student Association External Director of Public Relations

### CodePath iOS Development, Merced

Graduate/Alumni

AUGUST 2020 - MAY 2021

- iOS mobile application design and development
- Learned how to work with storyboards and integrate API functionality

## WORK & VOLUNTEER EXPERIENCE

### Inclusive Interaction Lab, Merced — *Robotics Undergraduate Intern*

APRIL 2022 - DECEMBER 2022

- Integrate software with hardware components to test accessibility and convenience in user studies
- Analyze user metrics to discern behavioral patterns of research study participants

## PROJECTS

### Trustdriver — 2022

- Based on Trustpilot web app in which companies may be rated by users
- Developed with React and Yarn with PostgreSQL database built with Prisma
- Built a custom API to handle requests from frontend

### Betts Logo Feature Detection Model — 2022

- Contracted by Betts Company (based in Fresno, CA)
- Developed a feature detection model that scans logos for errors
- Frontend built with Python
- Backend built with OpenCV and NumPy

### KickIt — 2021

- Developed iOS social application for users to mark locations on a map and share them with friends
- Built with Swift, Parse, Alamofire, and Bolts
- Designed to be responsive and scalable

## LANGUAGES

- Java
- Javascript, HTML, CSS
- Python
- SQL
- C++, C
- Swift

## METHODS

- Git version control
- Object Oriented Design
- UX/UI Design
- Full Stack Web App Design
- Algorithm Design

## TECHNOLOGIES

- Node.js
- Linux, Windows, MacOS
- SQLite
- RESTful APIs
- Qt
- React
- Flask
- Docker