

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

PROJECTS

Blackjack — 2023

- Built completely with Java, ran with command line
- Simulates blackjack game between house and player, OOP implementation

Portfolio — 2023

- <https://dyang.dev>
- Built with React, HTML, CSS, and Node
- Lists skills, experience, projects, contact methods
- Hosted on NameCheap, deployed with Netlify

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

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

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

LANGUAGES

- Java
- Javascript, HTML, CSS
- Python
- SQL
- 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