

Winggo Tse

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EDUCATION

University of California, Santa Cruz | B.S. IN COMPUTER SCIENCE

Expected June 2019

- GPA: 3.57 (Deans Honors' Winter 2017)

SKILLS

- Languages – Java, JavaScript, Python
- Markups – HTML5, CSS3
- Libraries – React.js
- Frameworks – Node.js, Express

PROJECTS

GLORIFY | Google Chrome Extension

March – April 2018

- Worked with **React** and **CSS** to create a front-end application that displays an encouragement verse with a visually inspiring background image with every new tab load on Chrome
- Distributed the application for use – available in the Chrome Web Store rated 5 stars with over 60 users
- Utilized the **Unsplash API** to fetch a random photo under specified parameters using the random photo endpoint
- Used the **Daily Verses API** to generate a new Bible verse every time the user refreshes the page
- Increased the responsiveness of the application using CSS media queries

FOODGO | Web Application available on Heroku

January – March 2018

- Worked with **React**, **Express**, **NodeJS**, and **Firebase** to create a front-end web application that returns restaurant recommendations based on user-input
- Used **Yelp-Fusion API** to retrieve restaurant information based on search terms and location
- Worked with a team of 5 other computer science students using **Scrum** and the **Agile** method

WINGGO.US | Personal Website

October 2017 - Present

- Ongoing personal website project to showcase myself, my projects, interests, and whereabouts built using **HTML5**, **CSS3**, and **JavaScript**
- Utilized **JQuery** plugins Justified Gallery and Ekko-Lightbox to arrange images in a gallery
- Implemented SpinKit to improve UX while loading text and images
- Added transitions on image hover to improve user experience

EXPERIENCE

Computer Science Instructor | IDTech Camp at Stanford University

June 2018 – Present

- Instructor for courses **Coding and Development 101** and **Assemble, Invent, and Code Your Laptop**
- Prepare lesson plans, and teach classes with an average of 10 students between 13-17 years old
- Work with other instructors to provide a structured curriculum for students with varied experience
- Ensure students meet the curriculum and project goals by the end of each week

EXTRACURRICULAR

Udemy Courses

September 2017 - Present

- Taking online courses – React with Redux, Node with React (Full stack web development)