# Winggo Tse

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## EXPERIENCE

**Softprofiles,** Software Engineer Intern                                                01/2019 – 04/2019
- Worked on the SuccessHub education platform built on React, Node.js, Express.js, PostgreSQL with emphasis on clean code practices and scalability in a startup environment
- Developed and refactored RESTful API endpoints using object-relational mapping with Sequelize.js
- Expanded the front-end by implementing API to components and managing state with React and Redux
- Participated in Agile development methodology, implementation of design specifications, system flow diagrams, documentation, testing and ongoing support of systems

**IDTech,** Computer Science Instructor                                                06/2018 – 09/2018
- Instructed students in Coding and Development 101
- Prepared lesson plans and held meetings with management and other instructors to provide a structured curriculum for students of various backgrounds in computer science
- Communicated with parents and leveraged unique teaching methods throughout the course semester to provide the best learning environment for each student

## EDUCATION

**University of California, Santa Cruz**                                                06/2019
- B.S. Computer Science with Honors in the Major

## PROJECTS

**Winggo.us**, Professional Portfolio                                                12/2019
- Personal portfolio to showcase myself, my projects, blogs, design and development interests built with React and CSS
- Architected with a fluid user experience in mind with features of a progressive web app
- Improved initialization load time through code splitting, lowered transition response time between routes by 2x using client-side rendering, and eliminated redundancy by utilizing reusable components

**Newsletter,** React Single Page Application                                                12/2019
- Single page web app showcasing my experiences abroad over the summer designed and developed with modern UI/UX
- Developed using React and various React libraries to feature smooth transitions and the parallax effect for a diverse range of media types

**Glorify**, Google Chrome Extension                                                01/2019
- Front-end extension which displays a unique background on every tab with the goal of boosting creativity
- Built with React and utilized Unsplash API to fetch specified content to display on every new tab load
- Currently in the Chrome Web Store rated 5 stars with over 100 users

**foodgo**, Interactive Restaurant Voting App                                                03/2018
- Web app to help groups of users decide on a restaurant, built on Node.js, React, Firebase
- Utilized Yelp Fusion's API to retrieve content for users and CSS for user interactivity

## SKILLS

- Language – JavaScript, Python, Java, HTML, CSS, SQL
- Technology – Node.js, React, Redux, RESTful API, Sequelize.js, Spring, AWS, Unix, Webpack
- Data – PostgreSQL, MySQL, MongoDB, Redis, Firebase