

Winggo Tse

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EDUCATION

University of California, Santa Cruz | B.S. Computer Science

Expected March 2019

- First Year Honors Student, Dean's Honor List

SKILLS

- JavaScript, Java, Python, C++, SQL
- HTML5, CSS3
- React.js, Node.js, Sequelize.js
- Distributed systems, Multithreading

EXPERIENCE

Software Engineering Intern | Softprofiles

January – April 2019

- Design, develop, and test code for SuccessHub platform using React.js, Node.js, Express.js, PostgreSQL with emphasis on the best coding practices and scalability in a startup environment
- Participate in agile development methodology, implementation of design specifications, system flow diagrams, documentation, testing and ongoing support of systems
- Build and refactor RESTful API endpoints in the backend using object-relational mapping
- Build the front-end by implementing API to SuccessHub platform components and managing component state using Redux.js

Computer Science Instructor | IDTech Camp at Stanford University

June – September 2018

- Instructor for the Coding and Development 101 course for middle and high school students
- Prepare lesson plans and hold meetings with management and other instructors to provide a structured curriculum for students with varied experiences in computer science
- Communicate with parents and leverage unique teaching methods throughout the course semester to provide the best learning environment for every student

PROJECTS

Glorify | Google Chrome Extension

March – June 2018

- Built with React and CSS to create a front-end application which replaces every new tab load with a unique page to bring users an increase in productivity
- Available in the Chrome Web Store rated 5 stars with over 70 users
- Utilize RESTful API to fetch content under specified parameters to generate unique content with every new tab load

Winggo.us | Personal Website

October 2017 – December 2018

- Ongoing personal portfolio to showcase myself, my projects, and a platform to experiment with my design and development interests built on HTML, CSS, JavaScript
- Displays the most up-to-date coding practices by leveraging the strength of powerful JavaScript libraries such as JQuery, Video.js, Justified Gallery
- Experimentation with the latest web design trends, use of responsive CSS media queries, with emphasis on page transitions and UI/UX

EXTRACURRICULAR

Udemy

September 2017 - Present

- Online courses – Node.js (Advanced Concepts), Node with React (Full stack web development), GraphQL with React