Winggo Tse

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EXPERIENCE

Softprofiles | Software Engineer Intern   January – April 2019
- Developed and tested code for the SuccessHub platform using React.js, Node.js, Express.js, PostgreSQL with emphasis on the best coding practices and scalability in a startup environment
- Participated in Agile development methodology, implementation of design specifications, system flow diagrams, documentation, testing and ongoing support of systems
- Built and refactored RESTful API endpoints in the backend using object-relational mapping
- Built the front-end by implementing API to SuccessHub platform components and managing component state using React and Redux

IDTech Camp at Stanford University | Computer Science Instructor   June – September 2018
- Instructed students in the Coding and Development 101 course
- Prepared lesson plans and held meetings with management and other instructors to provide a structured curriculum for students with various experiences 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 | B.S. Computer Science   June 2019
- Graduated with Honors in the Major

PROJECTS

Newsletter | React Single Page Application   December 2019
- Single page web application designed and developed with modern UI/UX to showcase and document my experiences abroad over the summer
- 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   January 2019
- Built with React and CSS to create a front-end web application which replaces every new tab load with a unique webpage to increase productivity
- Utilized RESTful API to fetch content under specified parameters to generate unique content with every new tab load
- Available in the Chrome Web Store rated 5 stars with over 100 users

Winggo.us | Professional Portfolio   January 2019
- Ongoing personal portfolio to showcase myself, my projects, my design and development interests built with HTML, CSS, JavaScript
- Displays the most up-to-date coding practices by leveraging the strength of JavaScript libraries such as Video.js, Justified Gallery
- Experimentation with the latest UI/UX trends, with various media types in mind

SKILLS

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