

Winggo Tse

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Experience

Anvil

San Francisco, CA

Full Stack Software Engineer

07/2020 - Present

- Fifth engineer at Menlo VC & Gradient Ventures (Google) backed startup involved in building the product from MVP to currently generating an ARR of \$1M+
- Secured six-figure contracts by delivering month-long features, including building complex editors using React & GraphQL to implementing core backend services using Node, Java, & PostgreSQL
- Caught tens of feature-breaking bugs before production releases by covering over 80% of the product with Cypress integration tests and integrating them into the CI pipeline
- Increased user retention rate on the web-app by over 5% by significantly reducing the Webpack bundle size through tree shaking and dependency deduplication strategies
- Helped build and foster a community of developers by engineering open-source demos and SDKs which showcase Anvil's API capabilities
- Applied best coding practices by maintaining a comprehensive Mocha test suite, writing detailed documentation, and authoring technical blog posts
- Optimized marketing site SEO and traffic by developing UX-friendly web pages with Gatsby in collaboration with product designer
- Routinely responded to urgent customer support requests and performed critical bug fixes

Helpful Engineering

San Francisco, CA

Software Engineer - Open Source

04/2020 - 07/2020

- Connected nonprofits to people in need in over 38 countries by developing and launching mobile-first web app, Reach4Help, with a fully remote team from around the world
- Increased app performance by writing GCP functions to handle data intensive tasks server-side
- Designed and crafted scalable and maintainable user interfaces using the Ducks model architecture with TypeScript, React, & Redux
- Increased signups by introducing user authentication methods such as Google & Facebook login

Successhub

Santa Clara, CA

Software Engineer Intern

12/2019 - 04/2020

- Led development of a new employer platform - a job and company portal connecting university talent directly to employers - expanding within the hiring space of LinkedIn & Handshake
- Developed core web services and complex UI using TypeScript, Node, PostgreSQL, React, & Redux

Personal

- **Skills:** JavaScript, TypeScript, Python, Java, PostgreSQL, React, Node, GraphQL, REST, Webpack, Mocha, Jest, Cypress, CI/CD, SEO, GCP, Docker
- **Projects:** Web portfolio showcasing previous projects, blog posts, & web animations
- **Interests:** Blockchain development, Data visualization, Distributed systems

Education

University of California, Santa Cruz

Santa Cruz, CA

Bachelor of Science in Computer Science with Honors

06/2019