

TONY HOYIN LIU

SOFTWARE ENGINEER

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PROJECTS

SIDELINE : Sole Developer

[LIVE](#) | [GITHUB](#)

Platform that enables users to share and blog sports news and retrieve the latest new around the leagues

- Single-page full-stack application built using RESTful Ruby backend and React front end.
- Utilized React-Flux's unidirectional data flow architecture; in turn updates React components via asynchronous jQuery requests for seamless UX
- Features debounce for search functions to eliminate unnecessary requests
- Implemented cloud-hosting of images and media on AWS and Cloudinary

PCBA : Sole Developer

[LIVE](#) | [GITHUB](#)

Peninsula Chinese Business Association's official site (on AWS)

- Integrated APIs such as calendar, photo album, forms, Google Maps
- Customized and designed responsive site-wide CSS for smoother UI & UX

THE ENDORSER : Sole Developer

[LIVE](#) | [GITHUB](#)

Extension on Chrome store used on LinkedIn to endorse skills

- Designed and implemented using JavaScript to establish modularity
- Parses webpages to show CSS styles via jQuery event handlers

GOAL : Front End Engineer

[LIVE](#) | [GITHUB](#)

2D HTML-Canvas sports game using vanilla JavaScript

- Features velocity algorithm and physics calculations upon paddle collision
- Integrated algorithm for AI to react accordingly to the ball movement

SKILLS

Ruby Ruby on Rails JavaScript React / Flux & Redux React Native TDD
HTML CSS jQuery SQL / PostgreSQL Amazon Web Services (AWS)

EXPERIENCE

Freelance Developer

Sep 2016 - PRESENT

- Coordinated & communicated w/ customers to plan web development projects from concept through completion

Sister City Commissioner

Jun 2015 - PRESENT

City of Millbrae (Uncompensated)

- Liaised issues pertaining to Millbrae and its four sister cities
- Manage and oversee city funds of ~20k towards events for local residents

Marketing Associate

Oct 2015 - Nov 2016

Santa Cruz Warriors

- Produced marketing ideas to increase ticket sales by 30-50% & ensured marketing strategies went according to plan in a time-sensitive setting
- Organized in-game media and event advertisements for the 2014-15 NBA Development-League Showcase, including directing on-court activities

EDUCATION

App Academy SF

May 2016 - Aug 2016

Full stack software and web development program < 5% acceptance rate

University of California, Santa Cruz

Aug 2010 - Dec 2015

Bachelor's - Biology & Psychology