

# Abraham Fong

San Francisco, CA   Portfolio   LinkedIn   GitHub

## Skills

React, Redux, JavaScript, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, noSQL, SQL, SQLite3, PostgreSQL, Heroku, Webpack, Node, Express, Git, Bootstrap, C/C++, Java, Mongoose, MongoDB

## Education

**App Academy** | Fall 2021 | San Francisco, CA | Immersive software development course  
**University** | Spring 2020 | Santa Cruz, CA | UC Santa Cruz, B.S. in Computer Science

## Projects

**Code-Op** • JavaScript, Node, Express, React, Redux, Mongoose, MongoDB, CSS3, Heroku

[live site](#) | [github](#)

*A project management and sharing platform where users can look for team members or ideas to join*

- Provided a backend code base that accelerated the startup process, allowing production-ready code to be built within 4 days
- Implemented route protection and resource filtration resulting in extendable protection of resources and access/filtration of data
- Designed an error system using toasts in the frontend and a centralized point of error handling in the backend that greatly improved the user's experience by providing styled, guiding error messages

**Paimo** • JavaScript, React, Redux, Ruby on Rails, PostgreSQL, CSS3, Heroku, Webpack

[live site](#) | [github](#)

*A clone of the popular transaction service, Venmo*

- Ensured pixel perfect UI through careful inspection of Venmo desktop webpages
- Diligently constructed a DRY, moldable system architecture — minimized coupling and maximized code reuse
- Delivered a minimum viable product using RoR, SQL, and React that successfully mimics its parent app

**Dino Bets** • Vanilla JavaScript, Webpack, Canvas WebAPI, CSS3, HTML

[live site](#) | [github](#)

*Dino Bets is an implementation of a tradition established by App Academy cohort 2021-08-30-SF in which people would guess on what dinosaur or in what sequence the dinosaurs would win in a Dino Timer race*

- Constructed a class based design for Canvas animations in which the concern over frame management and object movement were separated, leading to low-effort animation control
- Employed a frame rate throttling algorithm, resulting in consistent animation rates across devices

**Scribble Custom Words** • Vanilla JavaScript, CSS3, HTML, Node, Express, Pug

[live site](#) | [github](#)

*A group word sharing platform meant to be used in conjunction with private [skribbl.io](#) games*

- Protected network and user data through administration of application security -- minimized data breach attack vectors and ensured stability of the application network
- Delivered word sharing platform that streamlines customization of private game lobbies — enhanced user experience on parent app

## Experience

**Rideshare Driver** | Uber and Lyft | December 2017 - August 2021

- Maintained a 5-star rating and garnered over 1k compliments over 4k rides on Uber and Lyft platforms by committing to client satisfaction through tenacious customer service
- Transported clients from pick-up to destination with rigorous attention to safety, comfort, and cleanliness — achieved superior ratings and high-quality experience with timely drop-offs
- Managed car maintenance promptly to protect from extensive use — preserved vehicle longevity and safety

**Fulfillment Associate** | Amazon | April 2020 - August 2020

- Facilitated efficient sortation of Amazon orders during COVID-19 pandemic to fulfill delivery guarantees that preserved customer satisfaction during pandemic's extensive delivery surge
- Expedited loading and unloading of packages to maximize fulfillment center throughput for optimal delivery time — recognized by management for strategic planning and high output rates

**Modified Supplemental Instruction (MSI) Tutor** | UC Santa Cruz | September 2016 - June 2017

- Supported 30+ students through collaborative activities and interactive environments — successfully scaffolded firm foundation in Java and data structure basics that enhanced performance in future courses
- Went above and beyond my scheduled time by 7+ hours per session to ensure students' success — saw 100% passing rate with all grades in range B- to A+
- Fulfilled required tutoring qualifications for MSI position — acquired in-depth knowledge of teaching techniques