

Alexander Yambao

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

Front End Developer

SKILLS Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, Reactjs, Redux, SQL, git, HTML, CSS, webpack, node.js, Sass, Jest, Enzyme

PROJECTS

City Events MongoDB, Express, React/Redux, Node.js [Video](#) [Github](#)

A single-page Meetup clone where users can browse, create, and confirm attendance to events.

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their events when logged in.
- Implemented local strategy for user authentication with Passport.js, using BCrypt for password hashing.

Beach Shop React/Redux, Rails 5 [Video](#) [Github](#)

An E-commerce website where users can browse and purchase beach-related products. Users can also leave reviews and create a profile.

- Utilized Redux as the state manager, allowing React components to easily access state.
- Reduced fetch API calls to the SQL database, resulting in a faster user experience.

Fruit Harvester HTML, CSS, Javascript, Canvas [Live](#) [Github](#)

A fully interactive Javascript and HTML5 Canvas mini-game.

- Decreased graphic rendering lag through the use of HTML5 Canvas and animation frames, resulting in a more realistic gaming experience.
- Developed collision detection algorithm for sprite characters, and integrated with keystroke event listeners to predict future player direction and movement.

EXPERIENCE

Office Cleaner

N&S Janitorial/ManagedByQ May 2018 - May 2020

- Maintained consistency in ensuring accounts are cleaned with the same quality standards.
- Integrated time management procedures.

Tasker

Taskrabbitt Jan 2014 - Dec 2017

- Completed over 1700 tasks for several different startups in San Francisco.
- Applied proactive problem solving-skills and effective communication resulting in high customer satisfaction.

Research Assistant

Santa Cruz Biotechnology Sep 2006 - Sep 2013

- Carried out western blots and cell lysate extractions accurately and efficiently.
- Routinely updated protocols, procedures, and database layout to help train new employees.

EDUCATION

University of California, Santa Cruz B.S. Biochemistry and Molecular Biology (coursework: Intro to programming, calculus, multi-vector calculus, thermodynamics, quantum mechanics, biology and biochemistry)

Online Resources freeCodeCamp(Apis and Microservices), Udacity (Responsive Web Design with grunt), Codecademy(React web applications and Es6)

AppAcademy Teaches full-stack web development: Rails, SQL, JS, Reactjs, TDD, algorithms, design patterns, unit testing and programming best practices 2020