

# Alexander Yambao

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## Front End Developer

**SKILLS** Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, React, Redux, SQL, Git, HTML, CSS, Node.js, Sass, Jest, Enzyme, Mocha

### PROJECTS

**Delivery Bee**   [MongoDB](#), [Express](#), [React/Redux](#), [Node.js](#)   [Customer \(Live\)](#)   [Helper \(Live\)](#)   [Video](#)   [Github](#)

A Postmates clone where customers can request deliveries and helper bees fulfill them. Users can chat, and customers can leave reviews.

- Integrated the Mapbox API to display maps and location pins for pickup and drop off locations.
- Utilized the Stripe API to process payments.
- Used npm packages to display toast notifications, charts, and formatted time.

**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 access state easily.
- Reduced fetch API calls to the backend, resulting in a faster user experience and higher product quality.

**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

- Consistently cleaned accounts with the same high-quality standards.

**Tasker - Taskrabbit**   Jan 2014 - Dec 2017

- Completed over 1700 tasks in a range of categories, primarily in a startup environment.
- 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 and helped train new team members.

### 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**   [Apis and Microservices\(Free Code Camp\)](#), [Responsive Web Design\(Google/Udacity\)](#), [Modern web frameworks, Babel, Es6, Node, and Asynchronous Programming\(Codecademy\)](#).

**AppAcademy**   Teaches full-stack Engineering: [Rails](#), [SQL](#), [JavaScript](#), [React](#), [TDD](#), [algorithms](#), [design patterns](#), [unit testing](#), [webpack](#), [analytical skills](#), [debugging](#), [writing clean code](#), [maintaining a codebase](#), and [programming best practices 2020](#).

