

# Zach Strenfel

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## Relevant Experience

### WalletIQ Software Engineer Intern

June 2016 - September 2016

- Lead development for the Honeydue iOS app in Swift (currently in the app store)
- Owned new features of the WalletIQ web app using isomorphic React, Flux, node.js, Postgres.
- Refactored front-end architecture by integrating SASS and OOP principles into existing stylesheets.
- Contributed to product planning and iteration, visual design, sprint planning, and scrums

### Summer Sessions/Berkeley Study Abroad Summer Front End Intern

May 2015 - August 2015

- Collaborated to wireframe, prototype, and develop a course management application for summer students at UC Berkeley.
- Developed using HTML, CSS (Bootstrap), Javascript, and JQuery.

## Projects

### Lotus Meditation Timer — iOS Development, Swift

- A timer application which includes the storing of multiple timers locally (through CoreData), segmented timers that include countdown, meditation, and cooldown aspects, and interval/alert functionality.
- Utilizes CoreData, QuartzCore, UserNotifications, and AVFoundation frameworks.
- Currently in beta through TestFlight. View the repository at: [github.com/zstrenfel/meditation](https://github.com/zstrenfel/meditation)

### Wordlike Playground — Web Development, Node.JS, Express, Socket.io, React.JS, HTML, CSS (SASS)

- Winner of the Quill prize and third place overall at Big Think Hackathon 2016.
- Web application designed to gamify Quill's [Wordlike](#) synonym game by enabling a two player mode.
- Developed the server to utilize Socket.io, designed the UI/UX and helped develop the front-end using React.JS.
- Hosted on Heroku. View the repository at: [github.com/zstrenfel/playground](https://github.com/zstrenfel/playground)

### okayVacay — Web Development, MongoDB, Ruby on Rails, React.JS, HTML, CSS (SASS)

- Created at LAUNCH Hackathon 2016 - a web-app that allows the user to input criteria (date, price, keywords) and returns a destination and hotel package within their budget.
- Designed the UI/UX and developed the front-end using React.JS.
- Hosted on Heroku, uses the Expedia API. View the repository at: [github.com/zstrenfel/VacationElation](https://github.com/zstrenfel/VacationElation)

### Planit — Web Development, Ruby on Rails, Javascript, HTML, CSS (SASS)

- App that crowdsources trip itinerary planning amongst users. Idealized, prototyped, and designed in a group of 4. I was the primary UI/UX and front-end developer and also contributed heavily to the back-end.
- Hosted on Heroku; uses Google Maps and Yelp APIs. View the repository at: [github.com/zstrenfel/planit](https://github.com/zstrenfel/planit)

## Skills and Tools

Languages: Swift, Python, Java, Javascript

Web Development: Node.JS, Express, RethinkDB, HTML + CSS, Socket.io, React.JS, React Router, Redux, Gulp, Bootstrap, Jeet, Sass

Design: Adobe Photoshop, Adobe Illustrator, Sketch

Other: NPM, Github, Google Chrome Extensions API, XCode

## Education

### University of California Berkeley

Graduated: Spring 2016

GPA: 3.5

### Relevant Coursework

CS61A – Structure and Interpretation of Computer Programs

CS61B – Data Structures

CS169 – Software Engineering

CS198 – Ruby on Rails