



Michael Mach

mikemach123@gmail.com



Oakland California
510-918-2026

SKILLS

- Ruby on Rails
- JavaScript
- React.js
- Redux
- Node.js
- jQuery
- HTML5/CSS3
- Java
- Android
- Groovy
- SQL
- Git

EXPERIENCE

Software Engineering Intern, Schoolzilla

Oakland, CA

September 2015 - Oct 2016

- Produced code utilizing RESTful APIs from our subscribed services to merge data into our databases, reducing costs by thousands of dollars a year.
- Coded a program that automated the conversion of 100+ Tableau reports into png files, saving several days of work.
- Created SQL stored procedures and Tableau reports, converting a multistep process for uploading sensitive data into a single step.
- Resolved 2-6 Jira tickets a day ranging from uploading raw files to fixing bugs, workload was comparable to full-time employees.

IT Manager, Bay Area Dems

San Francisco, CA

June 2015 - March 2016

- In charge of building the organization's website using Squarespace and styled using HTML/CSS, it is now used to host VIP events and to keep clients up to date on Bay Area political gatherings.
- Built email templates using HTML/CSS to attract and keep clients.
- Maintained contact lists containing over 200,000 contacts using the Salesforce platform.

PROJECTS

CatSurfing - (Rails, React/Redux, JavaScript, PostgreSQL) ([Link](#))

A website that allows cats to travel around the world.

- Built as a Single-Page Applications to ensure smooth and quick transitions.
- Incorporated the ruby geocoder gem to convert addresses in the backend, ensuring efficient map display.
- Utilized Rails' Active Record to find and return a list of users based search criteria.

CatClicker - (JavaScript, HTML/CSS) ([Link](#))

A clicker game where the goal is to keep the cat alive for as long as possible.

- Adhered to Object Oriented Programming to ensure DRY code.
- Applied HTML5 Canvas and DOM manipulation to display internal state.

CheffyPix - (Android) ([Link](#))

An application that lets users search for recipes and share completed recipes.

- Led a team of 3, role included creating application framework + essential features and helping teammates troubleshoot bugs.
- Utilized existing applications on the user's phone to allow a variety of ways to share complete recipes.

RedditGrabber - (Android) ([Link](#))

A minimalistic Reddit reader.

- Created in collaboration with another developer, both working on different features of the application.
- Incorporated the RecyclerView, allowing intuitive navigation to other postings.

EDUCATION

University of California, Davis

Bachelors of Science in Biochemistry and Molecular Biology

2014

App Academy - San Francisco, CA

1000-hour full stack web development course with <3% acceptance rate

2016 - 2017