

ALEX GONZALEZ

Software Engineer

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EXPERIENCE

Software Engineering Intern – Jump Off Campus – Fall 2019

Jump Off Campus is a student housing search provider partnered with more than 40 universities nationwide. [Learn more about Jump of Campus.](#)

- Refactored the existing codebase from Rails 2 to Rails 5 removing vulnerabilities due to deprecated versions of Rails and Ruby and improving overall performance of the application.
- Built a robust Ruby on Rails housing search API with complex filtering for number of bedrooms, price, utilities, furnishing, images and unit type improving user experience when searching listings.
- Integrated the search API with the Google Maps API and React on the frontend to display listings as pins on Google Maps filtering by latitude and longitude of the input address or location.
- Created a responsive housing search form using React, Bootstrap and the Google Maps API, improving load times by only rendering necessary react components on subsequent searches from the user.

Senior Web Developer – Berkeley Student Cooperative – 2015 – 2019

- Built member facing web applications using Drupal, JavaScript, jQuery, HTML, SCSS and MySQL for databases.
- Redeveloped the BSCs legacy website converting it to a responsive mobile friendly site, which decreased bounce rate by 36%.
- Increased new member conversions by 30% over 4 years using social media campaigns, analytics data and A/B testing.

Digital Marketing Manager – T324 – 2011 - 2015

- Designed and developed websites with Drupal, Wordpress, JavaScript, HTML and CSS/SCSS.
- Increased customer conversions by 26% over three years using a combination of SEO techniques, social media marketing, targeted email campaigns and A/B testing.

PROJECTS

Jobly – Fullstack Job listing board – GitHub [Backend](#) - [Frontend](#) – [Demo](#)

- Backend API built using Node and Express serving JSON from a PostgreSQL database. Uses Bcrypt for session authorization and JSON Web Token for form security.
- Frontend built with React and Bootstrap. Uses React Router DOM for client side routing.

Warbler – Fullstack Twitter-like Social Media Platform – [GitHub](#) – [Demo](#)

- Backend API built using Python, Flask and SQLAlchemy serving JSON from a PostgreSQL database. Uses Bcrypt for session authorization and WTFForms for form security.
- Frontend served via Jinja templates making use of jQuery and Bootstrap.

SKILLS

Languages

JavaScript (ES6), HTML, CSS & SCSS, Python, Ruby, SQL

Libraries & Frameworks

React, Redux, Node, Express, Flask, Ruby on Rails, jQuery, Bootstrap, Materialize

Testing

Jest, Jasmine, Enzyme, Rspec

Tools & Platforms

PostgreSQL, Git, npm, yarn, Heroku, Linode, Drupal, Wordpress, Joomla, Photoshop

EDUCATION

Rithm School

Fall 2019

Full Stack Software Engineering bootcamp with curriculum in JavaScript, Node, Express, React, Redux, Python, Flask, SQL, Ruby on Rails.

University of California Davis

2007 - 2011

Bachelor of Arts in Technology and Culture with emphasis in digital media and design.