

Zac Baston

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TECHNICAL SKILLS

Programming Languages - Ruby, JavaScript, Python, Go, SQL

Frameworks - Ruby on Rails, Sinatra, NodeJS, ReactJS, EmberJS, AngularJS

Tools - Bash, Git, Heroku, AWS (Elastic Beanstalk, EC2, RDS, S3, Lambda)

Databases - PostgreSQL, Microsoft SQL Server, SQLite3, MySQL

EMPLOYMENT HISTORY

Flatiron School, Remote

Technical Coach, October 2016 - Present

- + Tutor and mentor for students of Flatiron School's online full stack web development program.
- + Resolved over 4000 questions while working a part-time schedule.
- + Provided technical assistance in Ruby, Rails, Sinatra, SQL, HTML/CSS. JavaScript, AngularJS, and ReactJS.

Manual Woodworkers and Weavers, Hendersonville, NC

Software Developer, February 2017 - July 2017

- + Integrated quickly into a mature Rails 5.x & Ember 2.10+ application through fixing tests and building new features.
- + Built custom Rails engine to handle communication with external customer following JSON API spec.
- + Created new background tasks using Sidekiq.
- + Used Github and Pivotal Tracker to collaborate on application issues with other developers and stakeholders.

DeTect, Inc., Remote

GIS Analyst II, January 2011 - December 2016

- + Used ArcGIS to create maps that depict spatial analysis results and assets locations for over 100 projects .
- + Managed GIS shapefiles, databases, and provide support for projects ranging in size up to \$4MM.
- + Developed Python and ArcGIS ModelBuilder algorithms to automate routine tasks.
- + Built client facing applications using JavaScript mapping APIs,
- + Connected to Microsoft SQL Server database and handled transactions using PHP.

PROJECTS

Skycast.io - Simple and quick weather information.

- + <https://skycast-io.herokuapp.com/> / <https://github.com/zacscodingclub/skycast>
- + Built on React and deployed to Heroku as a static site.
- + Integrated with DarkSky and Google Maps Geolocation APIs to get user location and current weather.

AVL Early Voting Tool 2016 - Find the closest early voting location in Buncombe County and determine the length of the line.

- + <https://avl-find-poll.herokuapp.com/> / <https://github.com/zacscodingclub/find-polling-location>
- + Collaborated with CodeForAsheville volunteers to determine project requirements and design.
- + Built custom Ruby on Rails back end to geocode user input and poll locations.
- + Styled app according to project guidelines using Bootstrap and deployed app to Heroku.

Beer Me - A straightforward application that allows users to track the new beers they try.

- + <https://beer-me-z.herokuapp.com/> / <https://github.com/zacscodingclub/beer-me>
- + Built back end using Ruby on Rails.
- + Configured database schema and migrations using ActiveRecord.
- + Created UI using Bootstrap and custom CSS for responsive design.
- + Utilized jQuery to add AJAX functionality.

Closest Weightlifting Gym - The quickest and most accurate way to find an Olympic weightlifting gym near you.

- + https://github.com/zacscodingclub/closest_weightlifting_gem
- + Used Nokogiri to scrape URLs to collect data.
- + Built command line interface so a user can interact with that data.
- + Packaged project as a Ruby gem and published to rubygems.org for public use.

EDUCATION

Flatiron School - New York, NY - Graduated 2016

- + Full Stack Web Development - Ruby on Rails and Javascript

University of Illinois - Urbana-Champaign - Urbana, IL - Graduated 2010

- + Degree: Geography