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