

TARIQ ALI

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SUMMARY

Professional web developer with experience in Ruby, JavaScript, HTML, CSS, and SQL. Built several websites for clients. Previous background in journalism, real estate and teaching. Currently learning C#, Python, and Java.

SKILLS

FRAMEWORKS/TOOLS: Ruby on Rails, JQuery, Materialize, Sinatra, Bootstrap, ReactJS, RSpec, RailsAdmin, ActiveAdmin, CoffeeScript
LANGUAGES: Ruby, JavaScript, HTML, CSS, SQL

PROJECTS

ZombieWriter

Dec 2016 - Current

ZombieWriter is an open-source Ruby gem that generates short news articles based on rearranging the order of user-provided paragraphs. Provides proper citation (in the form of a hyperlink) to the original sources of these paragraphs. Users can specify whether they want to use "machine learning" (Latent Semantic Analysis and K-Means Clustering) or "randomization" when generating news articles.
Project Source Code: <https://github.com/tra38/ZombieWriter>

Calyx

In 2016, I contributed to Calyx, an open-source Ruby gem dedicated to generating text. I was responsible for bug fixes and implemented a new feature enabling the gem to be able to read input from JSON and YAML files.

Project Source Code: <https://github.com/maetl/calyx>

Hashography

Hashography visualizes how users are tweeting about certain words in real time, around the world. Written entirely in Javascript, it utilizes the Twitter and Google Maps API, Node.js, and Socket.io.

Project Source Code: <https://github.com/egarreau/hashography>

Friend Computer

Friend Computer is a program that can write blog posts. It retrieves information from Twitter and analyzes it using Alchemy API, and then writes a blog post based on its analysis. I was the sole person working on Friend Computer. The website was built on Sinatra (a Ruby framework).

Project Source Code: <https://github.com/tra38/FriendComputer>

STAARathon

In 2014, while serving as a public tutor at Lee High School, I organized and implemented a math tournament to help encourage students to study for the Algebra I STARR test. I provided tech support during this math tournament, and also selected the software used during the tournament.

EMPLOYMENT

Software Engineer, Firespring

Feb 2016 - Dec 2016

- Developing and maintaining websites for Firespring's clients, including Yoganonymous (a Yoga social networking website), SL Green, Fisher Brothers, and Nebraska Educational Telecommunications . Focused on backend web development and front-end JavaScript. Used JQuery, RailsAdmin, RSpec, CoffeeScript, and Ruby on Rails. Worked on a team of 4-6 people.
- Worked on technological "spikes" to determine the feasibility of new projects (examples: setting up a insurance rate calculator using a reverse-proxy using Node JS, rebuilding an internal website using ReactJS, testing an online form using RSpec and FactoryGirl).
- Worked with account managers to determine clients' problems and to discover possible solutions to their problems
- Reviewed other people's pull requests, conducting "code reviews" and "Quality Assurance" tests as appropriate.
- Participated in an Agile work environment with weekly developer meetings and daily standups, where we discussed ideas and suggestions to improve our team's performance.

Web Developer, Digital Fractal Technologies

2015 - 2016

- Developing a "Content Management System" to allow users to update their own "tour guide" mobile applications, with Sinatra (a Ruby framework) and Bootstrap.

Web Developer, Serene Technologies

2015 - 2016

- Building the "UTradeBook" web app (a website allowing people to buy and sell books and notes) using Ruby on Rails and Bootstrap.
- Maintaining SOLARO, an educational web app built on Ruby on Rails and using the ActiveAdmin gem.

Administrative Assistant and Webmaster, Southwest Medical Center (Dr. Syed Azeemuddin)

2014 - 2015

- Created and maintained a Wordpress website for a 501(c) non-profit organization, and sent out periodic newsletters about the organization.
- Developed several other Wordpress websites for Dr. Syed Azeemuddin as well.
- Created, maintained, and entered information into databases.
- Answered e-mail messages and give information, took messages, or transferred e-mails to appropriate individuals.

EDUCATION

Dev Bootcamp (learned SQL, HTML, CSS, Ruby and JavaScript)

Web Design 2015

Northern Arizona University

Masters Political Science 2012

Arizona State University

Bachelors Political Science and History 2010