Kelin Christi

SOFTWARE ENGINEER · FULL-STACK

Cell: (206)-765-8530 | E-mail: christik.dev@gmail.com | GitHub: crikeli | Portfolio: crikeli.github.io

Software Engineer with experience in using multiple languages, frameworks and methodologies. A detail oriented developer and team player with a demonstrated ability to learn fast and work in high pressure situations.

Technical Toolbox

Languages
- HTML, CSS, SASS, Python, JavaScript,Java, CoffeeScript, Swift 2.0, MATLAB.

Frameworks
- Angular.js, React.js, TensorFlow, Keras, JQuery, Docker, D3.js, Underscore.js.

Databases and Servers
- MySQL, SQLite, Heroku, Mongodb, Firebase, Core Data, Node.js, Amazon Web Services(AWS).

Interests
- Open Source, Natural Language Processing, Deep Learning, Object Oriented Programming, Algorithms and Data Structures, Agile Development, Visual Programming and Version Control.

Projects

Zest

JavaScript Project
- Designed, developed and deployed a full MEAN E-commerce website.
- Implemented social log-in using the Facebook API and also managed single use transaction tokens.
- Managed complex user associations within the Mongodb whilst working with data from the Mapbox and Stripe API's.
- Node.js was used as the development server and data was rendered to the front-end using Angular.js.

Sentiment Analyzer

Python Project
- This project utilizes natural language processing to analyze user sentiments based on the tone of their tweet.
- Used tweepy to fetch latest tweets from twitter that pertain to user specified keywords.
- Utilized TextBlob to analyze individual tweet sentiments and color classified them depending on their sentiments.
- JQuery and Flask were used to display the classified tweets in an easy to understand and navigate user interface.
- The application was finally deployed using Heroku.

Aerial View Image Classifier

Deep Learning Project
- Trained the final layer of Googles' inception model for image classification on a novel dataset of images that included aerial views of four major U.S cities.
- Used Docker to run a TensorFlow image and retrieved the last layer of the Inception model.
- Re-trained the last layer on novel images of urban aerial views and created bottlenecks for each image. Achieved a train accuracy of 57% .
- Tested the model on some novel test data and achieved a test accuracy of 75% .

Education

2015-16	**Coding Dojo**，Intensive engineering program with emphasis on Python, JavaScript and Swift 2.0.	*Bellevue, WA*
2012-14	**Oregon State University**，Coursework towards a BS in Environmental Engineering.	*Corvallis, OR*

Experience

Summer Researcher (June 2016 - September 2016)   *University of Washington*
- Part of a research group lead by Prof. David McDonald that focused on the current state of voice user interfaces and exploring possible future applications. I conducted Natural Language Processing analysis using Python and associated frameworks like Tensor-Flow as well as program "skills" using the Amazon developer platform.

Teaching Assistant (November 2016 - March 2016)   *Coding Dojo*
- Helped current students understand programming concepts in Swift 2.0 and Javascript and assist them with debugging their code.