Supriya Anand

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
M.S. in Computer Science | GPA: 3.65/4   *May 2017*

RELEVANT COURSEWORK

- Foundations of Artificial Intelligence | Information Retrieval and Web Search Engines   *Spring 2016*
- Analysis of Algorithms | Web Technologies   *Fall 2015*

B. M. S. COLLEGE OF ENGINEERING, BANGALORE
B.E. in Information Science | GPA: 9.37/10   *June 2013*

SKILLS

• Python • Java • Ruby • C/C++ • JavaScript • Perl • PHP • HTML • CSS
• Python NLTK • Ruby on Rails • AngularJS • Solr • Hadoop • Bootstrap • PostgreSQL • Jenkins

SELECT PROJECTS

AI Game Playing Agent [Python] [Academic Project]   *February 2016*

- AI game playing agent that uses Adversarial search techniques Minimax, Minimax with Alpha Beta Pruning and Greedy Best First Search to play a version of the classic Othello game.

Evaluation of sentiment analysis techniques [Python, NLTK, Scikit-Learn, Word2Vec] [Independent Project]   *January 2016*

- Evaluation of Accuracy, Precision and Recall of sentiment analysis systems built using a wide range of classifiers including Logistic Regression, Maximum Entropy, Random Forests and Deep learning techniques using Neural Networks

Weather Forecast [Android application] [Academic Project]   *November 2015*

- A responsive website and Android app developed to forecast weather conditions using APIs from GoogleMaps Geocoding, Forecast.io, OpenWeatherMap and Aeris Weather SDK.

GoCalendar [Ruby on Rails] [Independent Project]   *August 2015*

- A personal calendar on the cloud. Also an event manager that can be used to schedule meetings across enterprise offices or co-working spaces.

TagSent [Python, NLTK] [Independent Project]   *January 2015*

- Sentiment analysis on book reviews

Resumer [Python, NLTK] [Independent Project]   *December 2014*

- Text summarization tool using TF-IDF weighting. Experimented with K – means clustering.

FB Viz [Python] [Independent Project]   *October 2014*

- Recommender system using data mined from Facebook. Graph visualization with Gephi. Get the best person in your network to recommend books/movies/musicians and pages to follow!

WORK EXPERIENCE

MAVENHIVE TECHNOLOGIES | Associate   *February 2015 – June 2015 | Bangalore*

- Full stack web development for the Grasshopper cloud telephony service on the Rails stack with an AngularJS frontend
- Designed and implemented a POC for an in-house CRM product to serve as a single data store hosting data from third party services such as Zendesk and Chargify
- Implemented RESTful APIs required to aggregate data for the CRM product from existing components

AKAMAI TECHNOLOGIES | Software Development Engineer in Test   *July 2013 – Sept 2014 | Bangalore*

- Designed and developed test frameworks, tools to automate component level testing and integration with the Akamai HD Automation framework ; test plans to validate key features of products across both Live and Video-on-Demand Media Delivery solutions
- Incorporated a code coverage metrics module into the test framework to identify and target un-tested code which resulted in code coverage moving up by around 10% each across three of Akamai's streaming components
- Recognized with a Spot Award for driving key quality initiatives within the Media and Content Distribution Networks(MCDN) streaming engineering teams

AKAMAI TECHNOLOGIES | Intern   *Feb 2013 – April 2013 | Bangalore*

- Developed a keyword driven test case code generator for use with the Akamai HD Automation Framework