

Supriya Anand

supriya.anandrao@gmail.com | +1 (310) 948-4156 | LinkedIn:// supriyaanandrao | Github:// supriyaanand

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
- Analysis of Algorithms | Web Technologies

Spring 2016

Fall 2015

B. M. S. COLLEGE OF ENGINEERING, BANGALORE

B.E. in Information Science | GPA: 9.37/10

June 2013

SKILLS

- Python • Java • Ruby • JavaScript • HTML • CSS
- Python NLTK • Rails • Bootstrap • PostgreSQL • MySQL • Coverity Prevent • Jenkins • Gcov

SELECT PROJECTS

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!

Language Identification in multi lingual search queries [Python, NLTK] [Independent Project]

November 2014

- Recognize Indian languages in multi lingual search queries leveraging the concepts of Linguistics, Phonetics and specific patterns in transliterated forms of query tokens.

Resumer [Python, NLTK] [Independent Project]

December 2014

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

TagSent [Python, NLTK] [Independent Project]

January 2015

- Sentiment analysis on book reviews

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.

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.

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.

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 Engineer

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