Vaishakh Baragur Narasimhareddy

vbnarasi@uci.edu | 949.537.9379 | 20 Via Lucca, Apt C-427, Irvine, CA - 92612 | http://vaishakh.me

EDUCATION

MS in Software Engineering
University of California, Irvine
Expected Jan 2016 | Cum. GPA : 3.62/4

BE in Computer Science
RV College of Engineering, Bangalore, India
2009 - 2013 | Cum. GPA: 8.69/10.0

SKILLS

LANGUAGES
Java • C • C++
DATABASES:
MySQL
FAMILIAR:
HTML • CSS • PHP • JavaScript
OTHERS:
508 Compliance • PCI Compliance • OpenSSL • Jenkins • Maven • Unix Shell Programming • Sonar • Velocity • LATEX

LINKS

github.com/vaishakhbn
linkedin.com/in/vaishakhbn

COURSEWORK

GRADUATE
Information Retrieval
Anlysis of Programming Languages
Network and Distributed Security
Software Engineering
Software Architecture
Computer Communication & Networks

PUBLICATIONS

•CAPTCHAS: Survey Of Existing Techniques Aand A New Approach
• Key based Data embedding technique in Image Steganography
More : **vaishakh.me**

EXPERIENCE

SABRE CORPORATION | Associate Software Developer
July 2013 – August 2014 | Bangalore, India
- Worked in the Bangalore Development Centre of GetThere, the corporate travel booking tool owned by Sabre Corporation.
- Fixed bugs & enhanced features related to PCI compliance, Security, User Experience, 508 Compliance among others.
- Gathered metrics related to the functional and unit test code coverage using JaCoCo and Sonar.

EXETER GROUP | Software Intern
Feb 2013 – May 2013 | Bangalore, India
- Automated the build process of OneGate, the Obamacare Exchange website for the state of Hawaii using Unix Shell Scripts. Worked closely with the Deployment team to understand their requirement and presented a feasible solution.

INDIAN INSTITUTE OF SCIENCE, MILE LAB | Software Intern
July 2011 – September 2011 | Bangalore, India
- Interviewed visually challenged users to understand their requirements and wrote the installer for IISc's Text to Speech Engine using Inno Setup Scripting

SELECT PROJECTS

WEB SEARCH ENGINE | Team Member
2015 | UC Irvine
- Currently developing a search engine over the ICS domain (ics.uci.edu). Project includes Text processing, crawling, index ranking. Technology : Java

SERVER VULNERABILITY TO 'THE HEARTBLEED BUG' | Team Member
2015 | UC Irvine
- Currently working on analysing the nature of the Heartbleed bug and its implications on companies.

TIME SERIES DATA MINING TOOL | Team Member
2013 | RV College of Engineering
- Analysed the Rainfall time series of Chikkaballapur District in India. An accuracy of 60% was achieved.

THE MYTH OF A GENIUS PROGRAMMER | Team Member
2014 | UC Irvine
- Analysed the stackoverflow data dump and GitHub data to understand and come to statistical conclusions about the (non)existance of genius programmers.

ARCHITECTURAL ANALYSIS OF REDDIT.COM | Team Member
2014 | UC Irvine
- Performed a full stack analysis of reddit.com focusing on the architectural growth over the years and scalability strategy used.

SSL WEB SERVER RATING APPLICATION | Team Member
2012 | RV College of Engineering
- Rated the safety of a web server by taking cipher suites, signature algorithms, public key length, Certificate and other factors into consideration.