

RAHUL THANKACHAN

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EDUCATION	University of Southern California, Los Angeles, CA Viterbi School of Engineering Master of Science, Computer Science	3.66/4	(anticipated) Dec 2016
	Vellore Institute of Technology, Vellore, India Bachelor of Technology, Information Technology	8.75/10	May 2012
TECHNICAL SKILLS	Programming Languages: Web Dev & DB Languages Technologies and Tools: Coursework:	Java, Objective-C, SQL, Python, C/C++ Salesforce.com, HTML, JavaScript; PL/SQL, MySQL, MongoDB Github, Git, SVN, JIRA, Eclipse, XCode, Solr, Nutch, Weka Algorithms, Database Sys., Social Media Analysis, NLP, IR, Robotics	
WORK EXPERIENCE	Zya Music Software Engineering Intern Technology Stack: <i>C#, Xamarin, Alexa, Android, MVVM, NodeJS, SaaS, MVC</i> <ul style="list-style-type: none">Implemented dialogue based skill on new Amazon's Alexa echo platform by coding lambda functions in NodeJS using Alexa toolkit.Enhanced UI & implemented features for Ditty by Zya app during the MVC restructuring project; the MVVM design led to decrease in app loading time and increased performance.	Calabasas, Los Angeles, CA	June 2016-Present
	University of Southern California - School of Architecture Project Student Software Developer Technology Stack: <i>Java, Objective-C, Bootstrap, SQL, MySQL, JavaScript</i> <ul style="list-style-type: none">Led MVC based iOS app development team; developed new SQL queries and REST APIs.Developed web-app for data analytics, survey dashboard and managing APNS service.	Los Angeles, CA	May 2015 – May 2016
	Schneider Electric Analyst Application / Application Developer Technology Stack: <i>Objective-C, Apex, Java, SQL Server, Oracle DB, Cordova, SaaS</i> <ul style="list-style-type: none">Delivered MVC based projects while getting exposed to technologies such as Objective-C, Java, JavaScript, Cordova, and SQL database as part of Agile Applications team at Schneider.Spearheaded TrustIPO project while collaborating with global business stakeholders in France and Mexico to ensure speedy delivery.Performed SaaS development, including developing Apex classes, incident management for Schneider SFDC CRM team as a junior Apex developer.	Bangalore, KA, India	Jun 2012 – Dec 2014
PROJECTS	Natural Language Processing Classifier (New) Spam/ham and positive/negative sentiment Naïve Bayes classifier with F-score of 96% in python .		Sep 2016
	Miniature Map - Shortest Path Search Algorithms Implemented and simulated street navigation using BFS, DFS, A* algorithms in Java . The project scope also included real time traffic conditions such as speed limits (Freeway, Residential St.) and accidents. Frontend uses Google maps.		May 2016
	Stack Overflow Data Analysis– SOSA Analyzed 28 million posts to find temporal trends in programming languages popularity, user base growth and participation; Predicted time to answer by training Naïve/J48 classifier with F-score of 80% in python and Java .		Dec 2015
	Weapon Ads Search Engine – Deduplication, Ranking 5 million weapon ads crawled (NUTCH used), indexed(SOLR), and visualized (D3) using Java and Python .		Dec 2015
	Q-Cigarette Mobile Application – Medical App Led USC medical startup in CTO role and developed iOS application in Objective-C and MySQL database.		Nov 2015
INTERESTS	Passion for music, playing guitar, teaching, and sports. USC ACM member; Participated in hackathons by Microsoft, ACM, USCHacks etc. in the past.		