

KEDAR PRABHU

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US VISA STATUS

H-1B visa holder (From Oct 1, 2016)

EDUCATIONAL RECORD

University of Southern California (USC), Los Angeles, CA	[Dec, 2015]
Master of Science, Computer Science	
B.V.Bhoomaraddi College of Engineering and Technology, India	[June, 2012]
Bachelor of Engineering (Electronics & Communication)	
Global Indian International School, Singapore	[May, 2008]
International Baccalaureate Diploma (IB)	

WORK EXPERIENCE

PlayStation Network - Sony Network Entertainment International (SNEI)	[May, 2015 – Present]
Title: Software Engineer I	
Role: Developing new social features of PlayStation 4 (PS4). Majorly Java RESTful APIs for 'Communities' feature of the PS4 console and mobile apps (IOS & Android).	
The Interaction Lab, USC (Los Angeles, CA)	[Sep, 2014 – April, 2015]
Title: Technical assistant at the Robotics Lab	
Role: Conducting research on Spatial Primitives in Human-Robot-Interaction. Includes Feature Extraction, Data Visualization and Statistical Analysis on Interactions between humans and robots.	
TATA Consultancy Services Ltd. (Mumbai, India)	[Oct, 2012 – Nov, 2013]
Title: Assistant System Engineer	
Role: Developed Backend modules related to Sales & Marketing for our client 'Avis and Budget Group' by implementing IBM's DB2 database management systems in Mainframe Systems using COBOL.	

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL/CQL, R language, MATLAB
Technology: Java8, J2EE Spring framework, Spring-DAO, Java Beans (EJB), maven, Jersey2.0
Tools: Eclipse, Cassandra, Redis, Solr/SolrCloud, Couchbase, Git, R studio, WEKA

PROJECTS

Click-Through Rate Prediction (MATLAB, Java)	[Nov, 2014]
• Implemented Click-Through Rate (CTR) prediction using Machine Learning techniques while handling the Big Data as our training dataset	
• Blog: http://www.ctrpredicted.blogspot.com/	
Emotion Detection based on Human Speech (Praat, Python, R, WEKA)	[Feb, 2015 – April, 2015]
• Carried out Feature Extraction and Feature Analysis on human speech data to classify the speaker's emotion	
• Blog: http://emotiondetected.blogspot.com/	
Text Classification using Machine Learning Techniques (MATLAB, Python)	
• Programmed Naïve Bayes classifier in MATLAB to classify emails based on SPAM/Not SPAM	[Sep, 2014]
• Scripted Naïve Bayes classifier in Python to perform Sentiment Analysis	[Jan, 2015]
Mobile device game development (Unity3D, C#)	
• Developed an Android/IOS mobile game using Unity3D tool	[Feb, 2015 – April, 2015]
• YouTube video trailer: https://www.youtube.com/watch?v=rxUhIkzdESg	