

# **Ravikumar Jeyaraman**

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720, W 27 Street, #347, Los Angeles, 90007

## **Education:**

University of Southern California, Los Angeles, CA

Master of Science, Computer Science

Fall 2015

PSG College of Technology

Bachelor of Technology, Information Technology

May 2010

Top 5% of class

GPA :3.8 /4.0

## **Technical skills:**

### **Programming**

C, C++, Java, HTML, JavaScript, JQuery

### **Area of Interest**

Networks, System programming and Object oriented approach

### **Operating System**

Unix(Solaris), Linux(Ubuntu,Redhat), Windows.

## **Professional Experience:**

### **Software Engineer,**

August 2010 - June 2013

Motorola Solutions, Bangalore

- Designed and developed PCRF (Policy Charging and Rules Function) simulator used for QoS testing. Languages Used: C++.
- Involved in the development of Push to Email feature, for sending voice alerts to user's email. Languages Used: C++.
- Developed network element simulator, which became prominent tool in OMC(Operator Maintenance Console) testing. Languages Used: C++ , Java.
- Implemented Dispatch from Facebook, a prototype that is being considered now by Motorola Solutions. Languages used Java ,C++
- Implemented 3G Simulator used for iGW (iDEN Gateway) testing . Languages Used: C++.

### **Software Intern,**

January 2010- May 2010

Wavesat, Bangalore

- Implemented Graphical User Interface and Command Line Interface for 4G LTE customer premises equipment.

## **Accomplishment:**

- Was awarded with 'Moment' award for my performance at Motorola in 2012-2013.
- Took initiative to develop internal tools like Lab monitoring tool, Longevity test monitoring tool to automate mundane tasks that were quickly adopted by other developers.

## **USC Project Experience:**

- Developed a web based mobile application for searching tweets based on location.

September 2013