

Ravikumar Jeyaraman
<http://www-scf.usc.edu/~jeyarama/>
jeyarama@usc.edu | 213.255.9124
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
Top 5% of class
GPA :3.8 /4.0

May 2010

Technical skills:

Programming Languages: C, C++, Java, HTML, JavaScript, JQuery, Perl, PHP

Area of Interest: Networks, System programming and Object oriented approach

Operating Systems: Unix(Solaris), Linux(Ubuntu,Redhat), Windows.

Professional Experience:

Software Engineer,
Motorola Solutions, Bangalore

August 2010 - June 2013

- Designed and developed PCRF (Policy Charging and Rules Function) simulator used for QoS testing. Languages Used: C++.
- Developed 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,
Wavesat, Bangalore

January 2010- May 2010

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

Accomplishments:

- Was awarded with 'Moment' award for my performance at Motorola in 2012-2013.
- Participated in "Idea to Prototype" event at Motorola and implemented two prototypes which were displayed in Technical symposium at Motorola Solutions.
- 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:

September 2013

- Developed a web based mobile application for searching tweets based on location. Used PHP , JavaScript and JQuery.