Adithya **Venkatesh**

EXPERIENCE

Amazon.com | Seattle, WA | July 2015 - Present
SDE | Builder Tools

- I own and develop cloud based tools that enhance the High Scale Load Testing and Continuous Integration Test Automation experience for Amazon's tech population
- Conducted multiple sessions to evangelize Builder Tools products and educate new engineers

InMobi | Bangalore, INDIA | Jan 2014 – July 2014
SDET Intern | Release Management Engineering

- Developed an Integration Test framework for a chef-based deployment platform with JenkinsCI, test-kitchen and minitest-handler
- Worked on a code quality platform that collected and published source quality and build metrics at Inmobi

McGill University | Montreal, QC | June 2013 – July 2013
Research Scholar

- Part of team that worked on the computation and visualization of the three body asteroid problem on a project using C++, OpenGL, and MATLAB

RESEARCH

Concordia University | Montreal, QC | Summer 2013
Research Scholar

- Worked with Prof Brigitte Jaumard to introduce a 'CDMA Protocol in Multi-channel Multi-Radio Wireless Mesh Networks'
- Designed a Java implementation of the protocol to run a comparative study against different WiFi channel configurations.

IIT Bombay | Mumbai, INDIA | Summer 2012
Summer Research Intern

- Part of research team that enhanced an algorithm to simulate CNC Machining using Octree and Quadtree data structures
- First professional experience, learnt how to manage and work on a large scale project.

Real-time Navigation Algorithm | 2013
Co-Author

- Published paper titled 'Improving Real-Time Route Suggestions in Automotive Navigation Systems using Vehicle Cluster Behavior'

av445@cornell.edu
972-567-0504
LinkedIn | in/adithyavenkatesh
Github | bloomark

Education

May 2015	**Cornell University** **MEng**, Computer Science Cum. GPA : 3.78 out of 4.0
Jul 2014	**M. S. Ramaiah Institute of Technology**, INDIA **B.E.** Computer Science Cum. GPA : 9.02 out of 10.0

Technologies

Proficient	Java • C • C++ • SQL
Familiar	Ruby • Shell • LaTeX Python • Photoshop

Recognitions

Undergrad 2014	Best outgoing student of batch (1 out of 180 undergrads)
National 2013	Instituition of Engineers India Rupees 50,000 Grant-in-aid (10 out of 200 entries)
National 2013	National Design & Research Forum Best Project Proposal Gold medal (1 out of 500 entries)

Other Activities

Debating & Public Speaking
- Member of MSRIT Debate Society
- Represented institution at over 10 competitions

Leadership & Teamwork
- English Teacher with Make A Difference for children at risk
- Member of Organizing Committee of the University's cultural fest - Footfall of 8,000
- Head of Sponsorship Committee for TEDxM-SRIT 2013, 2014

Courses

Graduate	High Performance Systems and Networking •Defending Computer Networks •Cloud Computing Database Systems •Large Scale Information Systems
Undergraduate	Operating Systems •Computer Networks •Computer Graphics •Algorithms High Performance Computing •Internet Technologies •Discrete Mathematics