

Adithya Venkatesh

EXPERIENCE

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

- We 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
- AWS CodeBuild pre launch team

RESEARCH

InMobi | BANGALORE, INDIA | Jan 2014 – July 2014
SDET Co-op | Release Management Engineering

- Prototyped an Integration Test framework for a chef-based deployment platform with JenkinsCI, test-kitchen and minitest-handler
- Prototyped a platform that enabled analysis of source quality and build metrics at Inmobi

McGill University | MONTREAL, QC | JUNE 2013 – JULY 2013
Summer Research

- Worked on the computation and visualization of the three body asteroid problem on a project using C++, OpenGL, and MATLAB

Concordia University | MONTREAL, QC | SUMMER 2013
Summer Research

- Researched a 'CDMA Protocol in Multi-channel Multi-Radio Wireless Mesh Networks' with Prof Brigitte Jaumard.
- Prototyped protocol to run a comparative study against different WiFi channel configurations.

IIT Bombay | MUMBAI, INDIA | SUMMER 2012
Summer Research

- Research algorithmic solutions and improvements to simulate CNC Machining using Octree and Quadtree data structures

Real-time Navigation Algorithm | 2013
Co-Author

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

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

LinkedIn
Github

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

Education

May 2015	Cornell University, USA 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	Institution 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 TEDx MSRIT 2013, 2014