

# Adithya Venkatesh

## EXPERIENCE

Amazon.com | SEATTLE, WA | 07/13/15 - 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 | 01/20/14 - 07/25/14  
**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

Concordia University | MONTREAL, QC | 07/19/13 - 07/29/13  
**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 | 06/14/12 - 08/10/12  
**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

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	in/adithyavenkatesh
	bloomark

## Education

05/24/15 Cornell University, USA  
**MEng, COMPUTER SCIENCE**  
Cum. GPA : 3.78 out of 4.0

06/06/14 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 •  $\text{\LaTeX}$   
Python • Photoshop

## Recognitions

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