

Adithya Venkatesh

EXPERIENCE

InMobi | BANGALORE, INDIA | Jan 2014 – July 2014
SDet Intern | Release Management Engineering

- Developed an Integration Test framework for the InMobi Deployment Platform with JenkinsCI, Opscode Chef, test-kitchen and minitest-handler
- Automated 94% of the test cases
- Worked in a team to create a tool to publish and track Production Job Metrics to the entire organization
- Used Java, Elasticsearch, & Grafana to parse the Jenkins master box for data and published processed data to Grafana

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
- Wrote a C++ data parser and created visualizations with OpenGL
- Assisted in writing MATLAB Computations

RESEARCH

Concordia University | MONTREAL, QC | JUNE 2013 – AUG 2013
Research Scholar

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

IIT Bombay | MUMBAI, INDIA | SUMMER 2012
Summer Research Intern

- Part of research team that developed and implemented an algorithm to simulate CNC Machining using Octree and Quadtree data structures
- Sped up existing algorithm by 12.5%
- First professional experience, learnt how to manage and work on a large scale project.

Real-time Navigation Algorithm | BANGALORE, INDIA | 2013
Co-Author

- Published paper titled 'Improving Real-Time Route Suggestions in Automotive Navigation Systems using Vehicle Cluster Behavior'
- Part of project for the undergraduate level Artificial Intelligence Course

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Education

May 2015 **MEng, COMPUTER SCIENCE**
Cornell University
Cum. GPA : N/A

Jul 2014 **B.E. COMPUTER SCIENCE**
M. S. Ramaiah Institute of Technology, INDIA
Cum. GPA : 9.02

Technologies

Proficient Java • C • C++ • SQL

Familiar Ruby • Shell • L^AT_EX,
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 TEDxMSRIT 2013, 2014