

Adithya Venkatesh

EXPERIENCE

JAN 2014 – JULY 2014 | BANGALORE, INDIA

InMobi

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

JUNE 2013 – JULY 2013 | MONTREAL, QC, CANADA

McGill University

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

JUNE 2013 – AUG 2013 | MONTREAL, QC, CANADA

Concordia University

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.

SUMMER 2012 | MUMBAI, INDIA

IIT Bombay

Summer Research Intern

- Part of research team that developed and implemented 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
- Sped up existing algorithm by 12.5%.

SPRING 2013 | BANGALORE, INDIA

Real-time Navigation Algorithm

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

LinkedIn | in/adithyavenkatesh
Twitter | @bloomark
+1 972.567.0504

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

RECOGNITIONS

Undergrad 2014 Best outgoing student of batch (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)

TECHNOLOGIES

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

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