



# Prashant Anantharaman

## Curriculum Vitae

### Education

- 2015–Present **Masters of Science in Computer Science**, *Dartmouth College*, Hanover, NH, USA.
- 2011–2015 **Bachelor of Engineering in Computer Science and Engineering**, *College of Engineering, Guindy*, Chennai, TN, India, GPA – 8.19.

### Bachelors Thesis

- Title *Code Compaction in LLVM IR*
- Supervisor Dr. Arul Siromoney
- Description In this thesis, we discuss how code compaction can be performed on LLVM's Intermediate Representation. Download report.

### Experience

- 2015 – **Research**, TRUST/PKI LAB, Dartmouth College, Hanover, NH.
- Current Working on addressing Crypto Scalability Issues in Smart Grids. Guide : Dr. Sean. W. Smith.
- 2015 **Research**, CLOUD COMPUTING LAB, Dept. of Information Technology, Anna University, Chennai, India.
- Proactive Resource Provisioning Model for Cloud Federation. We developed a simulation environment for cloud federation in ruby to investigate the impact of workload prediction based resource provisioning in cloud federation. Download report. Guide : Dr. Saswati Mukherjee
- 2014 **Student Trainee**, SAMSUNG R&D INSTITUTE, Bangalore, India.
- Worked on Graph Database based systems using Apache Giraph and Neo4J.
- 2013 **Intern**, DANGOTE GROUP, Lagos, Nigeria.
- Worked on a Weigh Bridge integration project.

### Projects

- File Sharing Portal Developed a "Social Network for sharing of Files and Videos". The source code to which can be found on <https://github.com/ProjectAlex/laughing-adventure> . Software(s) used: *Ruby on Rails, mysql*

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