

Objective

To obtain a Spring or Summer 2014 internship in Computer Science/Software Development.

Education

- Master of Science in Computer Science** Expected Dec 2014
• *The University of Texas at Dallas, Richardson, Texas* GPA: 3.959/4
Thesis: Statistical Classification and String Manipulation Algorithms using MapReduce
- Bachelor of Technology in Electrical Engineering** August 2010
• *Indian Institute of Technology (IIT) Bombay, Mumbai, India* GPA: 7.46/10

Relevant Coursework & Programming Skills

- Design and Analysis of Computer Algorithms
- Artificial Intelligence
- Advanced Database: Big Data Analytics
- Database Design
- Machine Learning
- Natural Language Processing

Languages: Python, Java, C++

Operating Systems: Linux, Windows

Miscellaneous: Hadoop, MapReduce, Pig Latin, Hive, Mahout, Cassandra, MySQL, Git, MATLAB

Research Projects

- Developing a distributed memory abstraction for Big Data Analytics** Summer 2013
• *Brown University* Providence, Rhode Island
- Comparative analysis of approaches to sentiment analysis of tweets** Jan 2013 - May 2013
• *The University of Texas at Dallas* Richardson, Texas
- Hybridization Methods for the analysis of Biomolecular Networks** May 2009 - July 2009
• *Institut National De Recherche En Informatique Et En Automatique (INRIA)* Paris, France

Academic Projects

- Simulating Nine Men's Morris board game** Jan 2013 - May 2013
 - Designed and developed this AI project using **Python** and employing alpha-beta pruning algorithm.
 - Earned the position of **first champion** in the tournament for this game in the class (76 students).
- Date-Intensive Text Processing of White House Visitor Log** Jan 2013 - Feb 2013
 - Wrote programs in **Java** and applied Hadoop **MapReduce** chaining to derive innovative statistics
- Database Design and Implementation Project** Aug 2012 - Dec 2012
 - Compiled a conceptual design (EER model) for a large custom City library database project.
 - Developed a relational schema in third normal form for this design and wrote **SQL** statements to create the database and views, populate the tables and solve challenging queries.

Professional Experience

- Research Assistant** Nov 2013 - Present
• *Data Management & Data Mining Lab, The University of Texas at Dallas* Richardson, Texas
- Head of the Analytics and Business Intelligence Team** Jan 2011 - June 2012
• *Future Bazaar* Mumbai, India
- Math Lab Tutor** Jan 2013 - Nov 2013
• *The Student Success Center, The University of Texas at Dallas* Richardson, Texas

Honours

- All India Rank 94 in Indian Institute of Technology Joint Entrance Exam 2006 among 300,000 students.
- Selected from the state for the 4th Invitational World Youth Mathematics Intercity Competition.