

## 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
- Database Design
- Artificial Intelligence
- Machine Learning
- Advanced Database: Big Data Analytics
- Natural Language Processing

**Languages:** Python, Java, C++

**Operating Systems:** Linux, Windows

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

## Research Projects

- Brown University** Providence, Rhode Island  
• *Distributed memory abstraction for Big Data Analytics* May 2013 - June 2013
- Institut National De Recherche En Informatique Et En Automatique** Paris, France  
• *Hybridization Methods for the analysis of Biomolecular Networks* May 2009 - July 2009
- The University of Texas at Dallas** Richardson, Texas  
• *Calculating Edit Distance using MapReduce* Aug 2013 - Dec 2013

## Academic Projects

- Computational Framework for characterizing politeness** Aug 2013 - Dec 2013  
• *Guide: Prof. Yang Liu & Prof. Latifur Khan*
  - Built politeness classifiers using different **machine learning** algorithms, filters and features.
  - Used politeness strategies to demonstrate the performance improvement when using **linguistically informed** classifiers.
  - Employed these classifiers to analyze the politeness of popular blogs.
- Simulating Nine Men's Morris board game** Jan 2013 - May 2013
  - Designed and developed this AI project in **Python** employing alpha-beta pruning algorithm.
  - **Winner** in the tournament for the game in the class (76 students).

## Professional Experience

- Research Assistant** Nov 2013 - Present  
• *Data Management & Data Mining Lab, The University of Texas at Dallas* Richardson, Texas
- Software Lead, 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.