

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
- Probabilistic Graphical Models
- Automata Theory

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 improve performance 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.