**CHETAN THERE**

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# EDUCATION

**Masters of Science, Computer Science Expected Graduation: May 2017**

**University of Texas at Arlington,** **GPA: 4.0/4.0**

**Courses Completed:** Artificial Intelligence I, Data Mining, Special Topics in Databases (Health Informatics), Advance Topics in Databases (Cloud Computing), Parallel Processing, Computer Architecture II, Computer Network I, Software Engineering I

**Courses Currently Enrolled:** Machine Learning, Design and Analysis of Algorithms, Database I

# Bachelor of Engineering, Computer Technology May 2011

**Nagpur University, Maharashtra, India, Degree Aggregate: 72%**

# ACADEMIC PROJECTS

**Static Scheduling of Graph Tasks on Multiprocessor Systems**

* Scheduling of tasks on multiprocessor systems is NP hard problem. Studied, Analyzed and implemented different task duplication heuristics to reduce make span and energy.
* Quantitatively compared results of different algorithms and also devised new task duplication strategy

**Machine Learning Models**

Implemented various machine learning models for various problems

* Naïve Bayes for matching best product for user query
* Naïve Bayes for classifying text documents
* Vector Space model to rank documents based on relevance
* Naïve Bayes for predicting cost of hospitalization
* Clustering and Visualization for weather data sets on cloud platforms

**Other Projects:**

* Simulation of processor for CAT Architecture using pipelining, cache management, score boarding, managing data and control hazards etc.
* Client Server Model to serve various requests simultaneously.
* Mapper Reducer to identify number of spikes for websites.
* Cloud based web application for managing docs and images on various cloud platforms like IBM Bluemix, AWS, Google App Engine and Microsoft Azure.
* Mavs Diner Android Project to serve orders from multiple on campus restaurants.

# PROFESSIONAL EXPERIENCE

**Graduate Teaching Assistant Spring 2016**

Graduate Teaching Assistant for Parallel Processing

Responsibility involved answering student’s queries, grading assignments.

**Software Engineer, HSBC GLT, Hyderabad, India** **June 2011 – July 2015**

* Software developer for CRM (Customer Relationship Management)/ SAMS (Sales and Marketing Systems) and BI.
* Analyzed user requirements, documented Functional, Technical and Program Specifications.
* Developed automated tools to enhance productivity and participated in technical forums
* Adopted to Software development models like Agile and RBPM (Risk Based Project Management).
* Worked on various projects FATCA, SAMS DB, Profusion, RMP etc.

# TECHNICAL SKILLS

* **Languages :** Python, JAVA, C, C++, COBOL, JCL, REXX
* **Databases :** MySQL, DB2, Oracle, MongoDB
* **Data Science :** NLTK, Scikit-Learn, Pandas, NumPy, SciPy, Weka
* **ETL (BI) :** IBM Data Stage
* **Web technologies :** HTML, CSS, Django and Flask
* **Operating Systems :** Windows, Unix, Linux
* **Others :** Agile Methodology, RBPM, MS Office

# HONOURS AND ACHIEVEMENTS

* Training Topper of 2011 Batch in HSBC GLT
* Departmental Self-Assessment Topper for SE and SSE levels in HSBC GLT
* TEAM Award, Feather in the Cap Award in HSBC GLT for outstanding performance as team and outstanding performance as individual.
* Awarded for productivity initiatives, Quick Win award for REXX tools
* Ranked 2nd in State(MH) in General Knowledge Exam

# INTREST AND ACTIVITIES

* Poetry, Reading, Playing Cricket and Listening to music
* Member of IEEE and Computer Science Society
* Organized and participated in technical events in college
* Organized CSR activities in HSBC GLT