

EDUCATIONAL QUALIFICATIONS

Masters(C.S)	UT Arlington	Decemeber-2017	3.7/4
Bachelors(C.I.S.E)	NEDUET	December-2014	3.01/4

ACADEMIC PROJECTS

Languages/Software Used

- Information retrieval system**
 Created Information retrieval system based on Apache Hadoop and Apache Spark that returns query result containing word with highest TD-IDF value
 Apache Hadoop, Apache Spark, Java
- Low cost I.P camera for traffic monitoring**
 An economical Internet protocol camera built using AVR Microcontroller to control traffic congestion using image processing algorithms
 C++, php, Javascript
- Web app using XAMP stack**
 Created an e-cart system developed in PHP with session handling, finding weather conditions by clicking on google maps using google maps API
 Javascript, AJAX
- Crowd Analysis using Computer Vision**
 Counting number of people in a public place using cascade classifier,HOG KLT tracker, mean-shift tracker with kalamann filter, clustering and regression techniques
 Python, OpenCV, Matlab
- Yelp Food Recommendation System**
 Restaurant recommendations to users that best matches their profile using Cascaded KNN clustering on Yelp challenge dataset
 Python, Java, Weka

EXPERIENCE

- Computer Lab Assistant at UT Arlington(current)**
 Managing all computer hardware and software in the university premises and helping out fellow students with any computer-generated issues.
- Software Engineer at Blue Zorro PVT. Ltd (October 2015)**
 Worked on JAVA based web development projects based on J2EE, Spring MVC Hibernate framework. Worked on web applications such as Carbonated.tv
- Siemens Engineering Co. Ltd. (December 2013)**
 A rotational internship of learning About SAP modules and Fujitsu Supercomputers.

SKILLS SUMMARY

- Programming Languages: Java, C++, PHP, Matlab,Python
- Technologies: Spring MVC,Hibernate, Hadoop, Spark
- Web Technologies: HTML5, CSS, Javascript, XML, JSON
- Database and Cloud: MySQL, SQL, XPath, AWS,IBM Bluemix

COURSES TAKEN: Data Analysis Modeling Techniques, Analysis Design of Algorithms, Theory of Computation
Robotics, Machine Learning, Data Mining, Web Data Management

CURRENT COURSES: Computer Vision, Computer graphics, Scalable searching and optimization