

EDUCATIONAL QUALIFICATIONS

Masters(C.S)	UT Arlington	Jan,2016 - Dec,2017	3.77/4
Bachelors(C.I.S.E)	NEDUET	Jan,2011 - Dec,2014	3.01/4

EXPERIENCE

- **Tech Intern-Data mining at Internet Education Foundation (Aug,2017 - current)**
Analyzed, Designed and implemented Congressional App challenge Registration portal, helped in increasing the efficiency of the system(reduced 50% of the time on vetting entries) by writing system automation scripts.
- **Computer Lab Assistant at UT Arlington (Aug,2016 – Aug,2017)**
Managed all computer hardware and software in the university premises and helped out fellow students with any computer-generated issues. Implemented security modules on software, encrypted university owned devices to enhance security.
- **Software Engineer at Blue Zorro PVT. Ltd (Oct,2015 – Jan,2016)**
Worked on JAVA based web development projects based on J2EE, Spring MVC, Hibernate frameworks. Integral part of development team for Carbonated.tv web application.

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 TF-IDF value
Apache Hadoop, Spark,Java
- **Robotic Arm**
Built a Robotic arm that can move a marker mounted at its end to draw arbitrary polygons given to it based on its kinematic characteristics
C,C++
- **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
- **Ecommerce Web Application**
Created an e-cart system in LAMP Stack with Session handling
Developed ecommerce web application using MEAN Stack.
LAMP stack, MEAN stack
- **Crowd Analysis using Computer Vision**
Analyzing crowd trends and density in a public space using Computer Vision Algorithms, useful for marketing, security and surveillance.
Python, OpenCV,Matlab
- **Yelp Food Recommendation System**
Restaurant recommendations to users that best match their profile using Cascaded KNN clustering on Yelp challenge dataset.
Python, Java, Weka

SKILLS SUMMARY

- Programming Languages: Java, C++, PHP, Matlab, Python, C#
- Technologies: Spring MVC,Hibernate, Flask,Hadoop, Spark
- Web Technologies: HTML5, CSS, Javascript, XML,JSON,Node.js
- Database and Cloud: MySQL, SQL, XPath, AWS,MongoDB

COURSES TAKEN: Data Analysis Modeling, Algorithms, Database Management, Robotics, Data Mining, Machine Learning, Web Data Management, Computer Vision, Computer graphics, Scalable Search and Optimization, Secure Programming