

Muhammad Tayyab
300 S Cooper St.
Arlington, TX, 76013
tayyabsadiq@gmail.com

MS(Computer Science)
University of Texas Arlington
<https://mtayyab-s.github.io/cv/>
(405)-269-2482

EDUCATIONAL QUALIFICATIONS

Masters(C.S)	UT Arlington	Jan,2016 - Dec,2017	3.75/4
Bachelors(C.I.S.E)	NEDUET	Jan,2011 - Dec,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 kalman 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

- **Tech Intern-Data mining at Internet Education Foundation (Aug,2017 - current)**
Responsible for content automation, scraping google alerts google alerts, Twitter, LinkedIn for relevant data, managing databases for Congressional App Challenge
- **Computer Lab Assistant at UT Arlington (Aug,2016 – Aug,2017)**
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 (Oct,2015 – Jan,2016)**
Worked on JAVA based web development projects based on J2EE, Spring MVC Hibernate framework. Worked on web applications such as Carbonated.tv

SKILLS SUMMARY

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|--------------------------|-------------------------------------|
| • 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, Analysis Design of Algorithms, Database Management, Robotics, Machine Learning, Data Mining, Web Data Management Computer Vision, Computer graphics
CURRENT COURSES: Scalable searching and optimization, Secure Programming