Muhammad Tayyab

Software Engineer

Arlington, TX - Email me on Indeed: <u>indeed.com/r/Muhammad-Tayyab/7b9dc411d3e95227</u>

Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Computer Lab Assistant

University of Texas at Arlington   -   Arlington, TX - August 2016 to Present

- Managing all computer hardware and software in the university premises
- Helping fellow students out with any computer-generated issues.

Software Engineer

Blue Zorro PVT. Ltd - 2015 to December 2015

Worked 3 months on JAVA based web development projects based on
J2EE, Spring MVC Hibernate framework. Worked on web applications.

Intern

Siemens Engineering Co. Ltd - 2013 to December 2013

A rotational internship of 4 weeks learning About SAP modules and Fujistsu
Supercomputers.

Internship Student

Nokia - 2012 to December 2012

Developed mobile application for Symbian phones that aid the search for best Java, J2ME
suitable universities for students.

EDUCATION

Master in Computer Science

University of Texas Arlington   -   Arlington, TX
2016 to 2017

Bachelor's in Computer Information System Engineering

NEDUET
2011 to 2014

SKILLS

Programming Languages: Java, C++, PHP, Matlab, Python • Technologies: Spring MVC, Hibernate,
Hadoop, Spark • Web Technologies: HTML, CSS, XHTML, XML, JSON • Database: MySQL, SQL, XPath,
XQuery

LINKS

ADDITIONAL INFORMATION

ACADEMIC PROJECTS

Information retrieval system:
Created Information retrieval system based on Apache Hadoop and Apache Spark that calculated TD-IDF of each word in the document and returned Java the document that contained the matching query word with highest TD-IDF Value.

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. A web application was developed for the provided live feed from the camera and the statistics related to traffic congestion.

Web app using XAMP stack:
Created a an e-cart system developed in PHP with session handling,
finding weather conditions by clicking on google maps implemented on
JavaScript, AJAX and google API.

Machine Learning Algorithms :
Implemented Machine learning algorithms such as KNN, k-means, SVM, linear regression using Java and Matlab. Algorithms were used to find accuracy of datasets using k-fold cross validation technique.

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