TARUNI GATTU

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Work Authorization: **F-1 VISA**

Objective

Seeking a Full Time job opportunity in an organization where I can implement my skills and knowledge to best in my conjunction with company goal and objective.

Education

The University of Texas at Dallas, Richardson, Texas, USA
Master of Science in Computer Science, GPA 3.199/4.0   **December 2015 (Expected)**
Related Course Work : Design and Analysis of Computer Algorithms , Big Data Management and Analytics , Database Design , Semantic Web, Machine Learning , Statistics for Data Sciences , Algorithm Analysis and Data Structures , Web Programming Languages , Advanced Requirements Engineering , Software Project Planning and Management .

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, Hyderabad, Andhra Pradesh, India
Bachelor of Technology in Information Technology, GPA 3.75/4.0   **May 2013**

Computer Skills

Languages : C, C++,C#.NET, Java, PHP,Javascript,SQL,R.   Databases: Oracle, MySql.
Big Data Ecosystems: Hadoop, MapReduce,HDFS,SPARK,Scala.   Modeling Languages : UML
Applications : MS Word, Excel, Power Point, Outlook, Star Office.   Development Tools:Eclipse, Net Beans,Visual Studio.
Web Technologies: HTML, CSS, XML,Ajax,Jquery,JSON.   Operating Systems:Windows, Linux.
Database Administration: Oracle 10g.   Application Server: Apache Tomcat,IIS.

Academic Projects

Library Management System   **May 2014**
This project is a window based application. The application handles Library management operations like Searching of Book, Check-Out module which allows user to check out books, Check-In module which allows user to check in books and Adding a new borrower.
Skill Set : Java, MySQL

Online Course Registration website   **May 2015**
Implemented an Online Course Registration website which helps students to search ,plan and register for courses online . The website design has been decomposed into four modules :Login module ,Add Course module, Drop/Swap course module ,Search ,plan and course book module.
Skill Set : PHP,HTML5,CSS,JavaScript,AJAX,MySQL.

Inter relation between Texas inflow and Veteran affairs expenses for FY08   **May 2014**
This project helps to get the picture of the Geographic Distribution of VA Expenditures (GDX) is an annual report that shows estimated VA expenditures for major programmatic areas by geographic area of Texas in the Calendar Year 2007-2008.
Skill Set :Google Visualization API, Sparql Queries .

Modified ID3 Classification   **August 2014**
Implemented a modified form of ID3 Decision Tree algorithm using Java Programming Language to develop a tool to classify data. The goal of this project is to implement a program for inferring imperfect decision trees.
Skill Set : Java

Adaptive Boosting Classification Tool   **August 2014**
Implemented Adaptive Boosting and Real Adaptive Boosting techniques to build a strong classifier based on multiple weak classifiers.
Skill Set : Java

Website Classification using Spark MLlib   **May 2015**
Designed a tool using Training data and Testing Data containing information of websites for classification of a website based on the data given using Naive Bayes approach and generating the type of the website
Skill Set :Scala,Hadoop,HDFS,MapReduce

Bid at Your Desk -Online Auction System   **August 2012-October 2012**
Worked on a project which helps in bidding products and making purchases. It aims to provide powerful functionalities to the user by making use of simple easy-to-easy interface. The functionalities include any user can see the details of the product, only the registered user can participate in auction and the bid winner can pay the money using credit card and users can see their purchased products and posted items.
Skill Set : Java,HTML,CSS,JavaScript,MySQL

Joint Chamber International(JCI) EConnect   **January 2013-March 2013**
Worked on a Project which helped in designing a new Website for the JCI-Hyderabad New Dimension that can be accessed by the members and the users having different privileges to communicate and focus on finding solutions to improve their local community. The functionality of this system include will include usage of google web services . The entire system will be interactive thus making it easy for the user to get the required information.
Skill Set : Java,HTML,CSS,XMLJavaScript,MySQL

Work Experience

Graduate Lab Tutor for Department of Computer Science at University of Texas at Dallas,
Working as a Lab Tutor for assisting freshmen students with C++ and JavaScript projects.

                                                                        August 2015 - December 2015

Graduate Tutor for Department of Computer Science at University of Texas at Dallas,
Worked as a Tutor for teaching C++, Java, JavaScript for Undergraduate students.

                                                                        September 2014-May 2015

Graduate Student Worker for Computer Science Outreach at University of Texas at Dallas,
Worked as a tutor for teaching JavaScript and simple coding workshops.

                                                                        February 2014-August 2014

Volunteer Work &Leadership Experience

Worked as a Project Coordinator for an NGO "Street Cause" Hyderabad division. The projects which included women empowerment, Health and Hygiene and helped the underprivileged in the best way possible.
                                                                        August 2011-March 2013