

DEEPAN VERMA

7777, McCallum Blvd., #142 Dallas, Texas – 75252

Email: deepan.verma@utdallas.edu Mobile: 469-230-3965

LinkedIn: www.linkedin.com/in/deepanverma Work Authorization: F-1 VISA

OBJECTIVE

To obtain a summer 2017 Internship position in the field of Computer Science.

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, Texas, USA

Expected: May 2018

Master of Science, Computer Science,

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY, Delhi, India

May 2016

Bachelor of Technology, Information Technology, GPA 3.8 (77.72%)

COMPUTER SKILLS

Programming Languages: C, C++, Java, R, Python

Web Development : HTML, XHTML, CSS, JavaScript

Tools : Microsoft Office, MATLAB, RStudio, Eclipse, Code::Blocks, NetBeans

Databases : SQL, Oracle, MySQL, MS-Access, SQL Server

Operating Systems : Windows XP/Vista/7/8/10

EXPERIENCE

MARUTI SUZUKI INDIA LIMITED

Software Developer Intern

June-July 2015

Developed a project on JAVA platform with MySQL database named as Production Summary Report and certified with **EXCELLENT** performance for my role.

AARBEE COMPUTERS & SOFTWARE CONSULTANCY

Database Intern

June-July 2013

Performed Data Entry and Database Management System (MySQL) operations.

PROJECTS

CRIME RATE PREDICTION

Jan-June 2016

Used the crime dataset of the past 50 years i.e. 1953-2012, and predicted the crime rate factors like Burglary, Murder, Riots etc. for the year 2021 for New Delhi as well as the whole country India using Linear and Non-Linear Regression.

CENSUS DATA ANALYTICS AND PREDICTION

Aug-Dec 2015

Took the census dataset for the years 2001 and 2011 from www.censusindia.gov.in and loaded into RStudio. Analyzed the data for 2001 and 2011 through graphs, pie charts etc. and predicted the same factors like sex ratio, employment, literacy rate etc. for 2021 using Linear Regression.

MOVIE RECOMMENDATION SYSTEM

August 2015

Used KNN algorithm to recommend the user a movie based on his/her likings, ratings, sex, age and category of movies with the help of the dataset taken from MovieLens and loaded into RStudio.

PRODUCTION SUMMARY REPORT

June-July 2015

Developed a Production Summary application on JAVA platform connected to the MySQL database that would display the details of all the cars being manufactured in the company.

BANKING MANAGEMENT SYSTEM

June-July 2014

Developed a JAVA SE application using Eclipse IDE, Swing API and MS-Access database.

RAILWAY RESERVATION SYSTEM

March 2014

Implemented this project in the Software Engineering class of my bachelor's degree using C Programming Language in the Code::Blocks IDE and modelling was done using Rational Rose.

COURSEWORK

Relevant Graduate Coursework: Implementation of Data Structures and Algorithms, Web Programming Languages, Database Design

Independent Coursework:

R Programming Language

July 2015

R Programming Course certified by **COURSERA** with **excellent performance**

JAVA Programming Language

July 2014

Summer Training certified by **ORACLE** with **excellent performance** in JAVA programming language using Java SE6