ANUSHA KOWDEED

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OBJECTIVE
Seeking a challenging software engineering full time position in the field of computer science.

EDUCATION
The University of Texas at Dallas, Richardson, TX   May 2017
Master of Science, Computer Science (Data Science)   CGPA 3.9/4.0
International Institute of Information Technology, Hyderabad, India   June 2013
Graduate in Computer Science   CGPA 3.8/4.0
Relevant Coursework: Algorithms, Implementation of Algorithms and Data Structures, Advanced problem Solving, Machine Learning, Information Retrieval, Big Data and analytics, Cloud Computing.

TECHNICAL SKILLS
Certifications:	Certification in Machine Learning from Stanford University.
Programming skills:	C, C++, Java,SQL,R
Big Data FrameWorks:	Hadoop,Spark ,Pig,Hive,Cassandra
Client side web technologies:	Html,CSS,Java Script,PHP
Operating System:	Linux, Windows xp/7
Databases:	Oracle 10g,MySQL, SQL Server.

CERTIFICATIONS
COURSERA – Stanford University's Machine Learning Course by Andrew Ng   2014

WORK EXPERIENCE
The University of Texas at Dallas, Richardson, TX
Teaching Assistant   (Aug 2015 – present)
Working as Teaching Assistant for graduate level course implementation of algorithms and data structures in CS department of University of Texas at Dallas.
Polycom R&D, Hyderabad, India.
Software Engineer   (July 2013 – May2015)
Worked as software engineer in HDX project at Polycom R&D. Worked on Web development using Java platform, massive data handling, and Video routing basics and solved many issues and developed new features related to call rates, call types, Video routes and directory search concepts.

ACADEMIC PROJECTS

Implementation of algorithms and data structures   Jan 2016-May 2016
Implemented algorithms and programs on concepts such as Graphs, Trees, Arrays, Tries, Dynamic Programming, Stack, Queue etc as a part of advanced problem solving, algorithms and implementation of algorithms and programs courses. Used Java as programming language to implement them.
Twitter trending feature implementation   May 2015-June 2015
Implemented Twitter trending feature using MapReduce program which looks for Hashtags (those words starting with "#") to find which hashtags are trending for a topic.
Environment : MapReduce, Twitter API.
Search Engine Implementation   Jan 2012 - Feb 2012
Designed a scalable and efficient search engine using the Wikipedia data in this project.
The objective of this project was to improve search functionality and give the most relevant search results by even considering the semantic structure of the query while retrieving the documents. Used java and python for implementing the project.
https://github.com/anushakowdeed/SearchEngine

Learning To Advertise   March 2012- April 2012
This project deals with the study the problem of associating ads with a Web page, referred to as content-targeted advertising. The relevance for the advertisements is derived from the users immediate information interests at browsing stint. Used Java and Bing API for implementation.
https://github.com/anushakowdeed/LearningToAdvertise

Common Interface for Cloud Storage   Oct 2011-Nov 2011
Build a common interface that facilitates the user to store the local data onto
cloud platforms like Amazon s3, Google Cloud Storage. Provided the option for the
user to take either full or incremental backup. Implemented this by using Java,
Amazon S3 API, Python, gsutil.

SCHOLASTIC ACHIEVEMENTS AND PRESENTATIONS
- Presented paper at a national Technical symposium called Acumen on the topic "gesture recognition".
- Secured state7th rank in the finals of class-XI.

ACTIVITIES:
- Active participation in many Programming Contests and solved problems at TopCoder, Codechef ,LeetCode and Spoj.
- Active IEEE member and Participated and conducted several events for college fests.
- Volunteered to teach Maths and Physics subjects during weekends in Shadnagar village, India.

WORK AUTHERIZATION: F-1 VISA