UMANG MEHTA

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EDUCATION

Northeastern University, Boston, MA   Sep 2013-Present
College of Computer and Information Science
Candidate for Master in Science in Computer Science
Related Courses: Algorithms, Managing Software Development, Web Development, MapReduce,
                Programming Design Paradigm, Introduction to Databases.

Mumbai University, Mumbai, India   Aug 2009-May 2013
Bachelor of Engineering in Computer Engineering
Related Courses: Core Java, C++, Soft Computing, Fundamentals of Artificial Intelligence, Computer Networks,
                Theory of Computer Science, Operating Systems

TECHNICAL SKILLS

Big Data Ecosystems: Hadoop, MapReduce, HBase, Hive, Pig Latin
Programming Languages: Java, C++ ,Python
Web Technologies: HTML, CSS, ASP.NET, JavaScript, JQuery, AJAX, AngularJS, NodeJS, Restful Web Services,JSP
Tools/Databases: Eclipse IDE, NetBeans, Sublime Text, MS Visual Studio, MySQL, Mongo DB, PyMongo
Platforms: Windows, LINUX, Mac OS X, VM

WORK EXPERIENCE

HOUGHTON MIFFLIN HARCOURT, Boston, MA   June-Aug 2014
- o   Developed a Single Page Application using **AngularJS**, **NodeJS** and **GruntJS**
- o   Researched and developed a prototype for Business Analytics using **Angulartics**
- o   Intermediate between Lead Developer and Business Analyst to inject scripts in **Adobe Sitecatalyst**

ACADEMIC PROJECTS

NETFLIX PRIZE DATASET: PARALLEL DATA PROCESSING IN MAPREDUCE, Northeastern University, Boston, MA
- o   Created a Recommendation System using KMeans Clustering
- o   Identified the top five movies each year using MapReduce, HBase and Hive
- o   Gauged the opening strength of a movie using PigLatin and MapReduce   Nov-Dec 2014

DETECTING AUDIO MISAPPROPRIATIONS: SOFTWARE DEVELOPMENT, Northeastern University, Boston, MA
- o   Developed a Software which detects difference in between two Audio files using Fast Fourier Transforms
- o   Devised a program which finds the occurrence of a subset of Audio file in the Source Audio file using Acoustic
      Fingerprinting.   Oct-Dec 2014

PARALLEL DATA PROCESSING: MAPREDUCE, Northeastern University, Boston, MA
- o   Utilized Hadoop over many instances on Amazon Elastic MapReduce and to discover insights for Flight Data Set
      and Word Count problem
- o   Analyzed and distinguished the Data Sets using HBase, Hive and PigLatin   Sep-Nov 2014

COMICON: COMIC WEBSITE, Northeastern University, Boston, MA   Mar -April 2014
- o   Developed a Real time Website using Comic Vine API
- o   Managed the Website using **JSONP**, **AJAX**, **ASP.NET**, **JQuery**, **HTML5** and **CSS3**

eDEALS: WEB SERVICE BASED WEBSITE , Northeastern University, Boston, MA   Oct -Dec 2013
- o   Developed a Java based **RESTFUL Web Service** to find the best deals available
- o   Designed the User Interface using HTML5, CSS3 and JavaScript

INTERESTS
- o   Playing outdoor sports, Ping Pong, Foosball, Painting, Cooking, Travelling