Onkar Umesh Kadam

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EDUCATION :

Northeastern University, Boston, MA. September 2011- Present.

College of Computer and Information Science. GPA: 3.56/4.0

University of Mumbai, Mumbai. August 2007 – June 2011.

Related Courses: Machine Learning, Parallel Data Processing, Databases, Algorithms, Information Retrieval, Managing Software Development, Operating Systems, Middleware Technologies, Web Technologies, Information Security.

COMPUTER KNOWLEDGE :

Languages :	Java, Python, C#, C++, C
DBMS :	Microsoft SQL Server, MySQL, JPA, JDBC
Web Programming :	HTML5, CSS3, XML, JavaScript, J2EE, Servlets, JSP, ASP .NET, Tomcat
Operating Systems :	Windows Family, Linux
Tools:	Perforce, AWS [S3, Elastic MapReduce], Git, Eclipse, Visual Studio

WORK EXPERIENCE :

Software Developer Co-op, **Empirix Inc**, Billerica, MA January 2013 - August 2013.

- Developed "Anonymization" and "Segregation" features for the product E-XMS using Java and J2EE technologies. Participated in the Analysis and Design for these features, Developed the code.
- Worked on migrating the product to work on Tomcat 5.5 to TomEE+ Web Server and also on researching various alternatives for updating the Single-Sign On mechanism.

IS Application Analyst Intern , **Analog Devices Inc**, Norwood, MA. May 2012 - August 2012.

- Developed and tested a WCF Web Service to scan files before uploading them on the server .
- Accomplished enhancement of a tool used in Content Management System to incorporate new features and fix existing bugs using C#, JavaScript and Telerik Controls on .NET Framework.
- Created a .NET website for generating reports using C# and Microsoft SQL Server .

PROJECTS :

Spam Filter - Northeastern University, Boston, MA. September 2013.

- Implemented the Naive-Bayes Classifier to detect email spam using Bernoulli, Gaussian Random Variable, and the Histogram Method. Performed Machine Learning on training data set to calculate probabilities of certain features being spam and predict spam on testing data.

Search Engine - Northeastern University, Boston, MA. February 2012.

- Developed a search engine using *Python* for Vector retrieval, Language Models, BM25 on indexed data set. Analyzed the results to determine the best retrieval method for different sets of queries.

Traffic Situation Awareness System - Northeastern University, Boston, MA. February 2012.

- Completed a deliverable for each phase of Software Development Lifecycle except the Implementation phase for the Traffic Situation Awareness System.

Speaker Identification - University of Mumbai, Mumbai, India January 2011-May 2011.

- Implemented Median Codebook generation algorithm as a vector quantization technique and used MFCC technique which extracted voice features from the audio samples.

INTERESTS :

Reading Novels, Travelling, Computer Gaming, Trekking and Camping**.**