

PRIYANKA PATIL

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EDUCATION SUMMARY

Northeastern University, Boston, MA

Jan 2014 - Present

College of Computer and Information Science

GPA: 3.83/4.0

Candidate for a Master of Science in Computer Science

May 2016

Related Courses: Introduction to Database Management, Information Retrieval, Algorithms, Parallel Data Processing

In MapReduce, Managing Software Development, Web Development and Data Mining.

Project(s)/Mini Project(s):

▪ Web Applications:

- **Price Comparison Tool** using **JAVA**, JSP, JPA, XML, **MySQL**, and **REST APIs** of Amazon, eBay & Wal-Mart.

Developed a web application that gave provision to users to search for items from various online stores namely Amazon, eBay, and Wal-Mart. Displays the best deals/products in a single click, enabling user to compare prices of items from various online stores on a single web page.

- **WHAM – What's Happening around me** using the **MEAN** Stack

Developed a web application to look up events around me as per the user's interests and preferences.

- **Web Crawler and Page Rank Computation** using **Java** and **Python** on a collection of 183,811 web documents.
- **Twitter Mood Predicts the Stock Market** using **Java**, **Data Mining Algorithms**, **Twitter & Yahoo Finance API**.
- **Sentiment Analysis - Twitter Data** using **Twitter API**, **MapReduce**, **PigLatin**, **Hive**, and **Amazon Elastic MapReduce**

Identified sentiments behind user's tweets with trending Hashtags to provide general positivity index of a city

Pune Institute of Computer Technology, Pune, India

Aug 2006 - June 2010

Bachelor of Engineering in Computer Engineering

GPA: 3.3/4.0

Related Courses: Data Structures, Principles of Programming Languages, Database Management Systems,

Advanced Database Management Systems, Design and Analysis of Algorithms

Project(s):

June 2009 – June 2010

Tag Based Clustering of Yahoo Search Results using **Java**, **Yahoo API**, **JSON feeds**, **Self-Organizing Map Algorithm (ANN)**.

Developed a search engine that used the Yahoo Search results, tagged by users on Delicious Feeds. Grouped search results according to the tags into different clusters/categories to provide better search results.

Achievements: Best project for the year 2009-2010 by the college in the view of National Board of Accreditation

TECHNICAL KNOWLEDGE

Tools / Technologies: Ab Initio, SSIS, SSAS, SSRS, Eclipse, JQuery, REST APIs, Highcharts, Java MapReduce, Pig Latin, Hive, MEAN Stack

Languages: Java, C, C#, DB2 SQL, SQL Oracle, Python, Visual Basic, PERL, HTML, XML.

Operating Systems: Windows 9x, 2000, XP, 7, Linux, Unix

WORK EXPERIENCE

Bank Of America, Charlotte, NC as **Technology Infrastructure Intern**

June 2015 – Aug 2015

- Developed dynamic pages using **Java**, **JQuery**, **JavaScript** and **High Charts** to visualize **DB2 system** parameters for the team to analyze DB2 system performance using time period as the parameters. Developed logging process using REXX, JCL for DB2 system.

Grantham, Mayo, Van Otterloo & Co. LLC (GMO), Boston, MA as **Reporting and Business Intelligence Co-op**

Jan 2015 – May 2015

- Migrated reports from **Crystal Reports** to **Active Reports**. Developed **stored procedures and functions** to fetch data from **SQL Server 2012**. Used **C#** to format the reports in Active Reports as per the requirements.
- Created web forms using **HTML5**, **CSS3**, **Jquery**, **C#**, **ASP.net** and developed stored procedures in SQL Server 2012.
- Developed reports in **Qlikview** to visualize data for different users within the organization. Worked closely with internal clients to gather requirements, analyze their data and help them visualize their data using Qlikview.

Infosys Ltd., Pune, India as **Senior Systems Engineer (ETL Developer)**

Sep 2010 - Dec 2013

Clients: Aetna Inc., SunTrust Banks Inc.

- Inherited extensive and complex applications that processed huge volume of data, written with a legacy code in **Ab Initio**.
- Developed value-add on **Unix shell scripts** to - read excel sheet data, create delimited data files - used to update huge volume of data in the **DB2 database**, FTP from production server to development server, to email reports in HTML format.
- Developed new applications in Ab Initio, modified or performed annual updates in existing complex applications.
- Special processing of jobs, as per clients' requirements, performed code reviews in the absence of the team leader.

Achievements/Rewards: "**Insta Award**" - A certificate of appreciation for outstanding performance in Q1 and Q2 of 2012.