

PRIYANKA PATIL

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EDUCATION SUMMARY

Northeastern University, Boston, MA

Jan 2014 - May 2016

Master of Science in Computer Science

GPA: 3.87/4.0

Related Courses: Introduction to Database Management, Information Retrieval, Algorithms, Parallel Data Processing In MapReduce, Managing Software Development, Web Development and Data Mining.

Projects:

- **Twitter Mood Predicts the Stock Market** using **Java**, **Data Mining Algorithms**, **Twitter & Yahoo Finance API**. Predicts the daily rise/fall in stock market closing price using daily Twitter Tweets and Yahoo Finance Data with **70% accuracy**.
- **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
- **InfoPinStrap – Pin your interests** using the **MEAN Stack** (<http://webdevelopment-patilpriyanka.rhcloud.com/>)
- **WHAM – What's happening around me** using the **MEAN Stack**. Developed a web application to look up events around user as per his/her interests and preferences.
- **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.

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

Projects:

- **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, REST APIs, Apache Hadoop, 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 Analyst 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. 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. It saved 50% of the time required in analyzing the data using complex SQL queries.

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.