

**Ishan Bhatt**

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**Education****University at Buffalo, The State University of New York**

Master of Science, Computer Science, Aug' 2014 – Dec' 2015

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**About Me**

I like to learn and build efficient and scalable solutions. My skills include Distributed Algorithms, Data Mining, Machine Learning and Data Warehousing.

Web Page - <http://www.acsu.buffalo.edu/~ishanbha/>

LinkedIn - <https://www.linkedin.com/pub/ishan-bhatt/95/521/ba9>

GitHub - <https://github.com/ishanbha?tab=repositories>

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**Skills**

**Technology:** Java, Python, C, Map Reduce (Hadoop), Apache Spark, Apache Pig, Hive, Apache Sqoop, UNIX Shell Scripting, SQL, HBase, HTML, CSS

**Domain:** Data Mining, Data Analytics, Machine Learning, Data Warehousing

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**Applications Built and Worked On**

1. Identifying products that are bought together, i.e., frequent item sets (Java, Data Mining)
2. Finding strong communities in a large network. (Python, Data Mining)
3. TV show recommender (python, Data Mining)
4. Automatic-tagging of documents (MapReduce, Hadoop, Java, Machine Learning)
5. Recommending People you may know. (MapReduce, Hadoop, Java, Data Mining)
6. Movie recommendation system using Apache Spark. (PySpark, Data Mining)
7. Entity Resolution from multiple source using Apache Spark. (PySpark, Data Mining)
8. Predicting Click through Rate probability of online advertisements using Apache Spark (pySpark, Machine Learning)
9. Predicting year of release of a song based on its features using Apache Spark (pySpark, Machine Learning).
10. Web Log Analysis using Apache Spark. (PySpark, Data Mining)

**Academic Projects**

1. Identifying NASDAQ stocks that are most and least volatile (Java, Hadoop, MapReduce, Pig, Hive, HBase)
2. Forecast of NASDAQ stock prices using Linear, Holt Winters and ARIMA models. (R, Data Analysis)
3. Identification of Hand-written digits (Python, Machine Learning)
4. Performance evaluation of different classification and regression techniques. (Python, Machine Learning)
5. Remote File Sharing Application (C, Networking)

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**Work Experience**

**Cognizant Technology Services:** Pune, India

**Data Warehouse Developer:** Dec 2011- June 2014

**Work Summary:** Involved in Project Planning, Logical Level Designing, ETL development & Testing.

Worked on traditional ETL pipelines as well ETL over Hadoop/Hive using Map Reduce and Sqoop.

**Technologies:** Informatica, SQL, UNIX Shell Scripting, Hadoop Map Reduce, Apache Sqoop

**Awards:**

- "Feather in the Cap" for excellent work by Enterprise Information Group of Cognizant Technology Services
- "Star of the month" for excellent work by Enterprise Information Group of Cognizant Technology Services