

Abhinav Maurya

617-816-2175

475 Commonwealth Ave, Boston, MA, 02215

Available: Jan 2018

maurya.a@husky.neu.edu

<https://www.linkedin.com/in/abhinavmaurya>

<https://github.com/abhinavmaurya>

<http://abhinavmaurya.herokuapp.com>

Education

Northeastern University, Boston, MA

Sep 2015 – Present

Candidate for Master of Science in Computer Science

Expected: Dec 2017

Courses: Parallel Data Processing in Map Reduce, Information Retrieval, Algorithms, Data Mining, Web Development, Software Development, Program Design Paradigms

GPA: 3.95/4.0

University of Mumbai, Mumbai, India

Jun 2012

Bachelor of Engineering in Computer Engineering

Work Experience

Marketo, Inc San Mateo, CA

Jun 2017 – Aug 2017

Software Development Intern

- Developed RESTful APIs for the Marketing Lead Management module using PHP and Java.
- Implemented a Kafka Tool to debug messages in production from given partition between specified offsets.
- Developed new features in Platform Insight project of Marketo in Scala and Java.

MobileAware USA, Inc. Boston, MA

May 2016 – Dec 2016

Software Developer Intern

- Developed Map Reduce jobs to extract and analyze user data and create a user profile from large scale logs which are used to send automated push notification.
- Developed RESTful web services for company's product "mCare" using Apache CXF and Spring framework.

BNP Paribas India Solutions, Mumbai, India.

Oct 2012 – Jul 2015

Software Engineer

- Developed bank's middle office web application. Worked extensively on Java and Oracle SQL.
- Implemented features in agile development environment using Struts, Hibernate and Spring frameworks.
- Designed reports using BIRT Reporting tool and optimized the database procedures for efficient retrieval.

Technical Knowledge

Programming Languages: Java, Python, JavaScript, Scala, C++, Shell Script

Databases: Oracle 10g/11g, MySQL, PostgreSQL, MongoDB

Frameworks/Libraries: Spark, Hadoop, Kafka, Apache CXF, Spring, Hibernate, Jackson, Maven, Sci-kit

Web Development: HTML, CSS, JQuery, JSON, Bootstrap, AngularJS, Node.js

Development Tools/Server: Jenkins, JIRA, Git, SVN, Bitbucket, Heroku, Docker, AWS (S3, EC2, EMR)

Projects

Parallel Processing in MapReduce (Northeastern University)

Jan 2017 – April 2017

- Implemented *Bird Sighting Prediction* Model with accuracy of 86% for a large dataset using Spark MLlib and Scala.

TripAdvisor Data Challenge (Brown University Datathon)

Jan 2017 – April 2017

- Developed an end to end solution to visualize and model data to predict the probability of customer's hotel booking in next visit based on their browsing history data.

Data Mining (Northeastern University)

Sep 2016 – Dec 2016

- Implemented a project to "predict diabetic patients' readmission after being discharged from hospitals" using Ensemble learning classifier with an accuracy of 93%.
- Implemented learning algorithms such as Linear regression, KNN, KMeans, SVM using pandas and numpy libraries.

Web Development (Northeastern University)

Jan 2016 – Apr 2016

- Designed a portfolio management web application ([TradeBull](#)) to track user's stock investments.
- Developed the application using AngularJS, Bootstrap, ExpressJS and mongodb with "Mobile First" approach.

Search Engine (Northeastern University)

Sep 2016 – Dec 2015

- Implemented BM25 indexing algorithm and developed search engine based on BM25 generated index and Lucene.
- Created Web crawler and implemented Page Rank algorithm as a part of Information Retrieval course.