

Abhinav Maurya

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Available: May 2017 – Aug 2017

(Summer Internship)

Education

Northeastern University, Boston, MA

Sep 2015 – Present

Candidate for Master of Science in Computer Science

Expected: Dec 2017

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

GPA: 4.0/4.0

University of Mumbai, Mumbai, India

Jun 2012

Bachelor of Engineering in Computer Engineering

Work Experience

Northeastern University Boston, MA

Jan 2017 – Present

Graduate Teaching Assistant

Jan 2016 – May 2016

- Teaching assistant for graduate level course *Information Retrieval* (CS6200) under Prof. Nada Naji

MobileAware USA, Inc. Boston, MA

May 2016 – Dec 2016

Java Developer Intern

- Developed RESTful web services for company's product "mCare" using Apache CXF and Spring framework.
- 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 POC for facebook messenger Chatbot using api.ai integration.

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, Scheme, C++, Shell Script

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

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

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

Development Tools/Server: Bamboo, JIRA, Git, SVN, Bitbucket, Heroku, Amazon Web Service (S3, EC2, EMR)

Academic Projects

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.

Sentiment Analysis (Northeastern University)

Sep 2016 – Dec 2015

- Implemented Naïve Bayes Algorithm with different types of smoothing on uni, bi and trigrams for Classification.

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.

Achievements and Honors

- Won inter-college coding competition 2010, 2011.
- Led a team of 5 people as the Head of Web Designing Team under CSI chapter of college in final year.