

Abhinav Maurya

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Available: May 2016 – Dec 2016

Education

Northeastern University, Boston, MA

Sept 2015 – Present

Candidate for Master of Science in Computer Science

Expected: May 2017

Courses: Program Design Paradigms, Information Retrieval, Algorithms,
Web Development

GPA: 4.0

University of Mumbai, Mumbai, India

Jun 2012

Bachelor of Engineering in Computer Engineering

Courses: Data Structures, Algorithms, Software Engineering, Web Development
Theory of Computer Science, Databases, E-Commerce

Work Experience

Northeastern University, Boston, MA

Jan 2016 - Present

Teaching Assistant

- Teaching Assistant for the Master's course *Information Retrieval* (CS6200) under Prof. Nada Naji.

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.

iT Gurus Software, Mumbai, India

Aug 2011 – Apr 2012

Intern

- Studied various Cross platform mobile application tools such as Phonegap and Applcelerator Titanium.
- Developed mobile applications *ContX* using Phonegap that extracts the user data (contacts, messages & logs) in background and syncs with the unified database.

Technical Knowledge

Programing Languages: C++, JAVA, Python

Databases: Oracle, MySQL

Frameworks: Struts, Hibernate, Spring (IoC)

Web Development: HTML, CSS, JavaScript, JQuery, JSON, Bootstrap, AngularJS

Operating Systems: Linux, Windows, Mac

Academic Projects

Search Engine (Northeastern University)

Sept – Dec 2015

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

Web Development (University of Mumbai)

Jul – Dec 2010

- Designed a web application *Online Treasure Hunt* using PHP and MySQL.
- Developed a J2EE based ecommerce application using JSP, Servlets, EJB and Oracle SQL.

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.
- Received the BRAVO award from BNP Paribas for contributing in R&D work.
- Led the college volleyball team in various inter-college competitions.