

Mansi Jain

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EDUCATION

Northeastern University, College of Engineering, Boston, MA **May 2017**
Master of Science in Information Systems GPA: 3.62

Relevant Courses: Application Engineering, Web Tools, Algorithms, Data Analysis in Python, Advanced DB

National Institute of Technology (NIT), Raipur, India **Jun 2015**
Bachelor of Technology in Information Technology GPA: 3.61

Relevant Courses: Web technologies, Object Oriented Programming, Operating System, Software Engineering

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript (Basic)
- **Web Technologies:** HTML5, SmartGWT, CSS3, J2EE, Bootstrap, Ajax, JSP, Servlets
- **Frameworks:** Spring MVC, Hibernate ORM, Hadoop MapReduce
- **Databases:** MySQL, JDBC, Oracle
- **Software Applications:** AWS, Git, Weka, Maven, Xampp, VMWare
- **Data Analytics** Numpy, Pandas, Tableau, Seaborn, Matplotlib

WORK EXPERIENCE

Ericsson, Inc., Manchester, NH & Waltham, MA **May 2016 - Dec 2016**
Software Development Intern

- Implemented Java code to develop middle tier, SmartGWT for UI and worked on Oracle database.
- Formulated and tested code using JUnit and Selenium, integrated code using Git version control.
- Facilitated grooming & Scrum of Scrums meetings as Scrum Master using Mingle project management.
- Delivered a functional module by involving in all the phases of Software Development Life Cycle.
- Achieved an increase in user productivity when module integrated with Ericsson's final product by 30%.

Northeastern University **Jan 2017 – May 2017**
Graduate Teaching Assistant, Program Structure & Algorithms

- Worked under the guidance of Prof. Bugrara, program director, to mentor assigned 35 students.
- Responsible for answering queries, designing weekly quizzes, conducting code walks and review

Research Assistant, Data Analyst Team **Jan 2016 - May 2016**

- Developed cancer detection system using Machine Learning in MATLAB & achieved 87.75% accuracy.

ACADEMIC PROJECTS

Analyzing Bay Area Bike-Share(BABS) Data Using Hadoop MapReduce **Mar 2017 - May 2017**

- Analyzed datasets like BABS, yelp & weather using Hadoop MapReduce design patterns, Pig and Hive.
- Visualized results using Tableau and generated Regression model of trips against weather using Weka.

Analysis of Boston's Airbnb Dataset **Oct 2016 - Dec 2016**

- Implemented Python code to explore, clean & analyze Airbnb data and compared with hotels dataset.
- Analyzed user's sentiments on Twitter and Airbnb, visualized all analysis using Matplotlib and Seaborn.

Elancrr - where work is get done! **Feb 2016 - May 2016**

- Developed an end-to-end website for freelancers to find jobs and clients to post job.
- Implemented Spring MVC, Hibernate ORM, JDBC, Maven and Bootstrap.

Other notable Projects: Setting up cloud infrastructure for restaurant management on AWS, Smart Prison Management Using IoT in MySQL, Java Swing application for Agri-Business Logistics

AWARDS & ACHIEVEMENTS

- Won **Excellence in Research Award** among 900 students in Research, Innovation & Scholarship Expo.
- Selected as First Runner-Up in **Intern Project Showcase'16** held at **Ericsson, Inc.**