10 F, Clintwood Drive
Rochester, NY, 14620

NEHA UPADHYAY

(585) 309 7850
nehaupadhyay25@gmail.com
https://www.linkedin.com/in/upadhyayneha

EDUCATION

Rochester, NY **Rochester Institute of Technology**

- M.S. in Computer Science, GPA: 3.22
- Graduate Coursework: Advanced Object Oriented Programming Concepts, Computational Problem Solving, Foundations of Computer Science Theory, Introduction to Big Data, Foundation of Algorithms, Foundation of Computer Networks.

EXPERIENCE

JAVA DEVELOPER INTERN - S.N SOFTWARE SOLUTION, INDIA **May 2015- October 2015**

- Developed web design solutions and database integration of websites using JSP, HTML5, CSS.
- Programmed scalable Java applications and enhanced user experience with applications.
- Delivered the test cases for the codes, following the Junit and logging frameworks.
- Designed and developed software to identify emotions on person's face and play music accordingly.
- Software incorporates Face Detection algorithm developed in MATLAB and Java and fetches songs from an integrated MYSQL database.

SKILLS

Programming Languages	:	C/C++, Java, Python, JSON, Android, iOS
Web Technologies	:	Javascript, HTML, CSS, JSP, Servlet
Framework	:	Java Swing, Eclipse, Netbeans, Amazon Web Services
Big Data Technologies	:	Hadoop, MapReduce, Apache Pig
Database	:	SQLite, MYSQL, SQL Server, ORACLE
Software & Tools	:	PyCharm, Netbeans, Eclipse, Android Studio, Xcode
Operating System	:	WindowsXP/7/8/10, UNIX/Linux, Mac OS and Android OS

PROJECTS

JSP/SERVLETS/HTML/CSS/MYSQL/JAVASCRIPT

- **Online Examination System:** Developed a web based project using MYSQL, JSP and CSS to design immersive GUI. System provided the functionality of conducting subject wise examination for regular evaluation of students.
- **Online Registration Form:** Designed web based form for student registration using ASP, JavaScript and CSS. Integrated features for photograph and document upload.

HADOOP/MAPREDUCE/AWS

- **Data Clustering Using MapReduce:** Clustered movie dataset based on ratings using Hadoop with Amazon Web Service. Performed Canopy, K-means and Expectation-Maximization clustering on the dataset.
- **Big Data Analytics Using Pig:** Analyzed OFCOM telecom data using Apache Pig. Categorized 2G and 3G signals on the basis of signal strength in particular geographical area and stored output data in HDFS.

ANDROID PROGRAMMING/SQLITE

- **Android App for Quick Share:** Conceptualized and developed file transfer application using Android Studio. Application used "Wi-Fi peer-to-peer" technology with supporting speed up to 250 mbps.
- **Android App for Home Service:** Developed Home Service application using Eclipse Lunar Android SDK. Application facilitates details of serviceman's according to the specified area.