

EDUCATION

Rochester, NY	Rochester Institute of Technology	Fall 2015 – Dec 2017
<ul style="list-style-type: none">• M.S. in Computer Science• Graduate Coursework: Advanced Object Oriented Programming Concepts, Computational Problem Solving, Foundations of Computer Science Theory, Foundation of Algorithms, Introduction to Big Data, Big Data Analytics, Foundation of Computer Networks		

SKILLS

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

PROJECTS

JAVA/R/RATTLE

- **Color Reducer:** Reduction of number of colors in a digital picture to five colors using k-nearest neighbor algorithm along with the calculation of Euclidean distance to change the color of pixels.

JAVA/NETWORKING

- **Mesh Networking:** Implemented distance vector routing protocol RIPv2 in Java to exchange node's routing information with the neighbor nodes. Implementation also included finding shortest communicating path from itself to all other nodes.

R/RATTLE/WEKA

- **Bank Marketing Dataset:** Analyzed the dataset and performed data imputation, oversampling and downsampling on the dataset using SMOTE along with plotting graphs on the result set.
- **Titanic Dataset:** Studied and analyzed the dataset and predicted the target attribute with the attributes present in the dataset

JSP/SERVLETS/HTML/CSS/MYSQL/JAVASCRIPT

- **Power Plant Website:** Developed a web based project for Energy Production Power Plant, system provided plant details and the material requirement for energy production along with individual accounts to all the employees.
- **Kowloon Bazaar:** Designed web page for Kowloon Bazaar giving all the details of what the bazaar is all about, it's organizing partners along with a photo gallery of the bazaar to facilitate users to have a prior look and also incorporated feedback option for the users.

ANDROID PROGRAMMING/SQLITE

- **Woman Security:** Conceptualized and developed application for women security which interfaces with Sqlite. Implemented functionalities of user registration with integrated feature of "On-click" to share user's information with the nearest police station to track the location using user's IMEI no.

RESEARCH PAPER

- **Text Processing:** Designed a Research Paper on different techniques of text processing which included an overview of the present techniques build to process the text, also concluded the best of all the techniques and ways to make the present techniques more effective to process the text.