

RAKESH KUMAR PARAPPA

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems Master of Science (MS) in Computer Science	New York, NY June 2018
Sikkim Manipal University (Distance Education) Master of Business Administrator (MBA) in Information Systems	Bangalore, India June 2015
Reva Institute of Technology Bangalore affiliated to Visvesvaraya Technological University Bachelors of Engineering (BE) in Computer Science	Bangalore, India June 2011

TECHNICAL SKILLS

Machine Learning & Statistical Methods: Classification, Regression, Clustering, Instance-based learning, Bayesian methods, Time Series, hypothesis testing and confidence intervals.

Software and Programming Languages: R(R-Studio), Weka, Java, SQL, MongoDB, Hadoop, Linux, HTML/CSS, FreeMarker, Javascript, JQuery, Microsoft Power BI, HP-QC, Jira, Github & Bitbucket, Salesforce CRM.

Relevant Coursework: Pattern Recognition, Data Mining, Mathematical foundation of analytics, Big Data & Information systems.

ACADEMIC PROJECTS

Analyzing Property Price <ul style="list-style-type: none">Analyzed the property price data to predict a model using WEKA. Tested the data using models like linear regression, KNN, and simple K-means clustering.	May 2017
Restaurant Inspection result prediction <ul style="list-style-type: none">Analyzed restaurant data to develop a model in R using decision trees and logistic regression models to help the health inspector to predict the criticality of the offense based on the training data.	April 2017
Movie Success Prediction <ul style="list-style-type: none">Analyzed movie data and developed a model in R using linear regression to predict the gross of the movie and used classification models like logistic, decision tree, and random forest to compare the accuracy of movie success.	March 2017
Music Store Application <ul style="list-style-type: none">Developed a web-based application for a music store using chinook database with functionalities like search music, generate an invoice, add and update store employee and an admin page.	December 2016

PROFESSIONAL EXPERIENCE

Quantilus Software Engineer <ul style="list-style-type: none">Analyzed and visually represented data by generating various reports using Microsoft Power BI, D3 and DC.js.Managed a team of developers to build multiple websites using Hippo CMS.	New York, USA June 2016 - Present
Cognizant Associate <ul style="list-style-type: none">Analyzed high-level business requirements, functional requirements and technical specifications for new telecom products or updates for the successful testing process by preparing test scenarios, test plans, test cases.Updated and kept track of test execution status and defects by regularly updating HP Quality Centre to reduce the run time of reports by 70%.	Bangalore, India April 2016-July 2016
Mphasis Senior Software Engineer <ul style="list-style-type: none">Developed SQL queries to maintain customer's details in the database and saved a lot of manual time during job execution.Proactively identified database discrepancies which would hinder the bill cycle execution and coordinated with Environment team to align the tables to required release using SPUFI.Tested new telecom products and changes. Prepared Test Summary Reports and requirement traceability matrix on the basis of testing to track and document various bottlenecks, defects, and the complete testing process.	Bangalore, India July 2011-April 2016