Chitra Ramchand Paryani

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EDUCATION

Northeastern University, Boston, MA   Aug 2019
Candidate for Master of Science in Information Systems,
Related Courses: *Application engineering and development, Database, Algorithms, Web development, Web design, Big-Data Sys Engr Using Scala, Advances Data Science/Architecture*

Smt Chandibai Himatlal Mansukhani College, Mumbai, India   Jun 2008
Bachelor of Science in Information Technology
Related Courses: C, C++, Java, SQL, ERP, Project Management, E-Commerce, Discreet Mathematics, Visual Studio

TECHNICAL KNOWLEDGE

Programming Languages:	Java, Python, R, Scala, PL/SQL
Databases:	Oracle, MySQL, MongoDB
Web Technologies:	Angular, Node JS, Spring Boot, Bootstrap, CSS, HTML
Big Data Technologies:	Hadoop, Spark, Hive
Tools:	Toad SQL Developer, Eclipse IDE, Maven, AWS

ACADEMIC PROJECTS

Northeastern University:

Movie Recommendation *[Spark Mllib, Scala, Play Framework]*   Mar 2019– Apr 2019
- Developed a Movie recommendation engine using Spark MLlib, Scala in backend and frontend using Play framework.

Foodiesquad Web Application *[Angular, Node JS, Express, MongoDB, Bootstrap, CSS, HTML]*   Mar 2019– Apr 2019
- Developed a MEAN Stack application to review and search restaurants
- Integrated it with EatStreet API to retrieve restaurant details

Online News Popularity *[Machine Learnings]*   Jul 2018– Aug 2018
- Applied exploratory Data Analysis, Naïve Bayes, Random Forest, Logistic Regression to predict popularity of online news article.
  achieved accuracy of 68% using the Random Forest Regressor, which proved to be the optimum model

Movie Review Web Application *[Spring, Hibernate, JSP, Ajax, Maven]*   Mar 2018– Apr 2018
- Developed a Spring MVC Hibernate application to review and search movies
- Integrated it with TMDB API to retrieve movie details

Traveling Salesman *[Genetic Algorithm, Java]*   Mar 2018-Apr 2018
- Developed a genetic algorithm in java to compute shortest path in traveling salesman problem
- Tested the algorithm using Junit test plans

WORK EXPERIENCE

Northeastern University, Boston, MA   Sep 2018 – April 2019
Teaching Assistant – Database (Jan 2019 – April 2019) and Advances in Data Science/Architecture (Sep 2018 – Dec 2018)
- Resolve technical and conceptual issues via email and office hours
- Conducted quizzes to improve the learning experience
- Organize code reviews and TA sessions to improve coding standards and help the class, review and grade student assignment.

State Street, Boston, MA   July 2018 – Dec 2018
Big Data, Social Business, and Knowledge Management Co-op
- Created Java application to produce log messages using Kafka and published it on Elasticsearch
- Created Maven Spring security project to handle security using Bearer Token and JSON Web Tokens.
- Created prototype project to manage API's using WSO2 and presented in front of team.

TATA Consultancy Services, Bengaluru, India   Aug 2015 – Aug 2017
IT Analyst
- Extracted & refined data from multiple sources with the help of SLT, BODS and populated it into database.
- Assisted client in decision making powered by dynamic reporting tools. (Tableau & SAP Business Objects – Crystal Reports)
- Designed and implemented workflows of intricate finance business requirements from the customers adopting Agile Methodology.
- Shifted through large datasets with ease to provide valuable insights for the management using ETL processes.

Accenture, Bengaluru, India   Oct 2008 – Jul 2015
Software Engineer
- Designed and implemented workflows of intricate SD, MM business requirements from the customers adopting Agile Methodology.
- Integrated SAP HANA with Hadoop and developed Hive queries on it
- Developed generic tools like Email Utility Tool, Authorization Tool to reduce work by 30
- Managed four employees. Monitored and evaluated their work.