Dashmeet Kaur Chawla

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EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, New York (Expected) December 2019
Master of Science in Information Technology(IT), GPA: 3.85/4.0

Shri Govindram Seksaria Institute of Technology & Science, Indore, India May 2018
Bachelor of Engineering in Computer Engineering

SKILLS

Database Skills: SQL, MongoDb

Programming Skills: Python, R, C, C++, Octave, Java

Development Tools: Git, Github, Microsoft Office, Spark, Splunk, Jupiter Notebook, Neo4j, RStudio, Node.js

Data Visualization Skills: Tableau

Web Development: Node.js, HTML, CSS, PHP, Javascript, jQuery, Ajax, Servlet, JSP

SELECTED ACADEMIC PROJECTS

The Stretch Goal Request Board for BD (Becton Dickinson), RPI Spring'19
- Developed a stretch goal request board for BD using Angular.js, Node.js for frontend, MongoDb for backend and included gamification elements for fun in Capstone Project.

Analyzed and Predicted Movies Ratings from IMDb data,RPI Spring'19
- Achieved an accuracy of 83.9% for predicting ratings of a new movie from a 3GB of IMDb dataset using regression. https://github.com/DashmeetKaur/IMDb-Data-Analysis

Tennis Analytics, RPI Spring'19
- Developed a model to predict the exact score of a match in Grand Slam with 60% accuracy between two opponents in a team of 4.

Restaurants, Cuisine Recommendation & Feature Correlation by analyzing Yelp data,RPI Fall'18
- Derived a method to recommend new cuisines, restaurants to users by analyzing 3GB of yelp data by using k-means clustering. Found relevant features ,on the basis of ratings, that could boast restaurants' revenues.

Online Electoral System Spring'17
- Led the team of 4 people to build an online electoral system using HTML, CSS, and javascript for front-end and SQL for backend.

EXPERIENCE

Software Engineering & Project Assistant Intern, New York State Department of Health, Albany Summer'19
- Contributed to the development of open-source project BCI2000 at National Center for Adaptive Neuro-Technologies, Health Research Inc., New York State Department of Health.

Graduate Teaching Assistant, RPI, Troy, NY
- Introduction to Computer Science Course, Students: 60 Fall'19
- Introduction to Information Technology & Web Science Course, Students: 90 Fall'18 - Spring'19

CERTIFICATIONS

- Statistical Learning, Stanford University - Stanford Online. Jul'19
- React Native and Redux Course - Stephen Grider - Udemy. Jun'18
- Machine Learning , Stanford University - Coursera. Nov'17
- Big Data Specialization, University of California, San Diego - Coursera. Oct'17

RELEVANT COURSEWORK

Data Science, Data Analytics, Applied Analytics and Predictive Modeling(AAPM), Database Management Systems, Data Mining, Machine Learning from Data*, Computational Vision*, Software Development*.

SELECTED PUBLICATIONS

Vyas, A., **Chawla, D. K.** & Thakar, D. (2018). Dynamic Simulated Annealing for solving the Traveling Salesman Problem with Cooling Enhancer and Modified Acceptance Probability. *International Journal of Scientific and Research Publications, 8*(3), 213-220. doi:10.29322/IJSRP.8.3.2018.p7531

* represents ongoing courses