Dashmeet Kaur Chawla

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OBJECTIVE

Seeking full-time opportunities in the Data Science and Analytics to apply my expertise and experience.

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, New York (Expected) December 2019
Masters of Science in Information Technology(IT), GPA: 3.85/4.0
Course-work: Data Science, Business Issues for Engineers and Scientists, Foundations of Human-Computer Interaction usability, Data Analytics, Information Systems for Management, Applied Analytics and Predictive Modeling(AAPM)

Shri Govindram Seksaria Institute of Technology & Science, Indore, India May 2018
Bachelor of Engineering in Computer Engineering, CGPA: 8.42/10.0
Course-work: Database Management Systems, Data Mining, Modern Information Retrieval, Artificial Intelligence, Information Security.

EXPERIENCE

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

Teaching Assistant for Introduction to ITWS Course, RPI, Troy, NY. Students: 90 Fall'18 - Spring'19

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

Data Visualization Skills: Tableau, Adobe Photoshop

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

SELECTED ACADEMIC PROJECTS

The Stretch Goal Request Board for BD (Becton Dickinson) Spring'19
- Developed a stretch goal request board for BD using gamification elements for IT Capstone

Analyzed and Predicted Movies Ratings from IMDb data Spring'19
- Achieved an accuracy of 83.9% for predicting ratings of a new movie from a 3GB of IMDb dataset.

Tennis Analytics Spring'19
- Developed a model to predict the exact score of a match in Grand Slam with 60% accuracy.

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

Usability testing of EasyHTML Editor Fall'18
- Improved the usability of EasyHTML Editor - a website to learn HTML (an RCOS - Rensselaer Centre for Open Source) by leading a team of 5 to do usability testing.

Enhancing Algorithms for solving the Traveling Salesman Problem and Simulation of Best Path using a Robot Fall'17 - Spring'18
- Derived better approximate algorithms that improved the results for Traveling Salesman Problem by at least 5% by enhancing the algorithms like Simulated Annealing and Genetic Algorithm.

CERTIFICATIONS

- 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

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