Mrudula Vijayanarasimha

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OBJECTIVE

Seeking Software Development & Data Scientist full time opportunities. Available - May 2020

TECHNICAL SKILLS

Languages:	Python, Java, R, C
Cloud Services:	Amazon Web Services (AWS), Google Cloud Platform
Tools/Technologies:	Jira, Tableau, Git, Rattle, Weka, Apache Tomcat, Octave, R Studio, Pentaho, Workbench, AWS (Lambda, S3, API Gateway), VMware, SAS
Database Systems:	MySQL, MongoDB, Microsoft SQL Server, Amazon DynamoDB, H2Database
Web Technologies:	React, Redux, HTML, Node.js, CSS, JavaScript, PHP, RESTful API

WORK EXPERIENCE

WEGMANS FOOD MARKETS, Rochester, New York   **May 2019 - January 2020**
Data Management Co-op
- Worked with different disciplines like Data Science, Data Architect, ETL and Business Intelligence Teams to create various reports. Assisted Data Architects and ETL Specialist in supporting Wegmans Electronic Data Warehouse (EDW).
- Created a Holiday consumption prediction model for the Data Science team to help them better predict sales consumption during the holidays.

iCITIZEN, Rochester, New York   **May 2018 - August 2018**
Software Development Intern
- Practiced Agile development methods, trained on Django, Python, JavaScript, CSS, and HTML.
- Also used Jira, Jenkins, and Gitlab during this phase.

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, New York   **January 2018 - May 2018**
GRADER FOR PYTHON
- Assist the course Instructor in teaching practical lab sessions, lesson planning, grading and prep questions.

RIVERSAND TECHNOLOGIES, BANGALORE, INDIA   **January 2016 - April 2016**
SOFTWARE DEVELOPMENT INTERN
- Worked with the development team to build a web-based Employee Leave Management portal using C# and .NET

EDUCATION

Rochester Institute of Technology, New York   **August 2017 - May 2020**
Master of Science (MS) in Computer Science, GPA: 3.3/ 4.0
Relevant Coursework: Data Management and Analytics, Artificial Intelligence, Algorithms, Machine Learning.

B.N.M Institute of Technology, India   **June 2013 - April 2017**
Bachelor of Science (BE) in Information Technology (Graduated 2017) GPA: 9/10
Relevant Coursework: Intelligent Systems, Data Mining and Business Intelligence, Cloud Computing

CERTIFICATION

Rochester Institute of Technology, New York   **August 2017 - May 2020**
Advanced Big Data Analytics, Master of Science
Relevant Coursework: *Big Data Analytics, Data Cleaning and Preparation, Database Systems Implementation, Data Warehousing.*

PROJECTS

GPS DATA VISUALIZATION AND CONVEX OPTIMIZATION| KML, Pandas
Created a program that converts GPS data into a KML file & performed pre-processing to locate the stop signs and left-hand turns using temporal sequential analysis. Successfully predicted the optimal route using a cost function from a set of given routes.

NEW YORK CITY DATA MINING PROJECT | Python, Tableau
Involves change detection in the five boroughs of New York City, will examine them and find patterns and improve public safety and prevent accidents.

MEDICAL INPATIENT DATA CHARGES | Python, R
Project where an inpatient dataset is analyzed using data mining tools and helps us predict health insurance for individuals who suffer a certain medical condition with respect to the state in USA that they reside.