RAVI V. DAYANI

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EDUCATION

MPS – Data Science and Its Application (Single Major), Expected - June 2023

University at Buffalo, The State University of New York

Bachelor of Technology, Computer Engineering (Single Major), May 2020

Dharmsinh Desai University, Nadiad, India.
- Honors: Dean's List, GPA: 3.7/4.0

ENGINEERING WORK EXPERIENCE

Data Science Intern, Imagica Health, India, May 2020 - July 2021
- Developed various machine learning application in R and Python.
- Developed python program for cleaning the dataset and got reward for that work.
- Worked as team leader and provided best and efficient solution to client.
- Communicated with Client to understand project requirement.
- Managed group meetings as team leader and monitored quality of work delivered by each member.

Project Trainee, Institute of Plasma Research, India, December 2019 - March 2020

Project: Raspberry PI based Image Acquisition System
- Explored various application of EPICS and Raspberry PI for a group project.
- Developed python program for capturing and displaying continues images on Control – System Studio.
- Reduced time limit of image capturing by changing code of EPICS' modules.
- Built opi file on Control System studio to display images of plasma.

ENGINEERING PROJECTS

Freelancing Web Application Using Django Framework, January 2019 – May 2019
- Developed web application using Django, python framework.
- Developed various features like Chatbot, Admin panel which helps users in interaction with each other.
- Created attractive and more user friendly front end using Java script and JQuery.
- Implemented strong data structure and algorithms which helps in search, filter and many more functionality.

Ensight Portal, September 2020 - May 2021
- Developed web application using Angular and node js framework.
- Developed front end and back end part for Agreement analysis and classification.
- Developed KNN model for creating clusters and predicting cluster new instance of agreement.
- Performed various preprocessing techniques and also performed PCA, PLS algorithms for data mining and feature selection.

TECHNICAL SKILLS

Computer Skills: Windows OS, Linus OS, Microsoft Excel

Programming Languages: Python, HTML, JavaScript, CSS, Angular, Node JS, Knowledge of C++, C#

Drafting Programs: Pycharm, Android – Studio, Microsoft visual studio