ROHIT PAUL

@ rohitpaul97@gmail.com   ✆ +91-7577887226   ⦿ Tinsukia, Assam, India
⧉ rp23portfolio.herokuapp.com/   in https://www.linkedin.com/in/rohit-paul-91038310b/
⦿ https://github.com/rohitpaul23

EDUCATION

Bachelors of Technology
Tezpur University

📅 July 2014 – May 2018   ⦿ Tezpur, Assam

- Major: Computer Science and Engineering
- Major GPA: 7.36/10

Master of Technology
Indian Institute of Engineering, Science and Technology

📅 July 2019 – August 2021   ⦿ Shibpur, West Bengal

- Major: Computer Science and Engineering
- Major GPA: 9.03/10

PRACTICAL EXPOSURE

Mini Project
- An information system for the boarders of a hostel of TU in Oracle
- Developed Tic-Tac-Toe and Rock-Paper-Scissor from scratch, using HTML,CSS,JavaScript
- Data Analysis on Covid-19 and Mobile price
- Implemented regression model(both linear and logistic) and Gaussian Discriminative Model from scratch for real world datasets.
- Implemented advanced concept like Naive Bayes, Decision Tree, Random Forest, and Neural Network from scratch for real world datasets.
- House Price Prediction using Random Forests(Kaggle Competition)
- TMDB Box Office Prediction (Feature Engineering)(Kaggle Dataset)
- FMNIST Image Classification using CNN(Applying Regularization, ResNet Concepts)
- Implementation of K-Means and K-Means+ from scratch

Major Project
Internship
At NRL - Developed a basic web app using .NET framework

Semantic Social Networking Site
A lightweight Social Networking Blogging Website, Using AJAX to send and retrieve data asynchronously.

My Portfolio
Implemented from scratch using react.js

Local Library
A library to store, update and delete books and there genre, author and instances using React and MongoDB

VarDenGrid: A New Variable Density Clustering Algorithm with Grid-Based Initialization
Constructing an algorithm that work better than DBSCAN and OPTICS, that does not require any user input and able to give variable density cluster.
- Accepted in IEEE INDICON 2021 (International conference of the IEEE India Council)

CERTIFICATION

Python Programming Essential
coursera.org/verify/BZU9955YK28H
Python Data Representation
coursera.org/verify/4RJ6CHTZ6ZHW
Python Data Analysis
coursera.org/verify/TPE4AWU7KK5R
Python Data Visualization
coursera.org/verify/Y7SBX34Z9385
Introduction to Data Science in Python
coursera.org/verify/KQKTTP4PLL2B
Cluster Analysis in Data Mining
coursera.org/verify/MWQJF4MSSNC7
Mathematics for Machine Learning: Linear Algebra
coursera.org/verify/B5WNS558EWCD
Data Analysis with Python: Zero to Pandas
https://jovian.ai/certificate/MFQTCNZQG4
Deep Learning with PyTorch: Zero to GANs
https://jovian.ai/certificate/MFQTONJTG4
Discrete Math and Analyzing Social Graphs
coursera.org/verify/RAHD358BJ95W
M001: MongoDB Basics
https://university.mongodb.com/course_completion/aef2ec93-6d26-4737-a378-923f699bdf14
Machine Learning Model Deployment using Flask
https://olympus1.mygreatlearning.com/course_certificate/IMOOQIZB

SKILLS

Programming Languages:
C | C++ | HTML | CSS | Javascript | Java | Python | Prolog | MySQL | MongoDB
Module/Frameworks/Libraries:
React | NodeJS | Webpack | Numpy | Pandas | Matplotlib | Sklearn | PyTorch
Application:
Git | Github | VSCode | MS Office | Adobe Photoshop | Windows | Linux

EXTRA ACTIVITIVES

- NCC 'A' Certificate
- Venue Coordinator: Tezpur University Technical Event (TECHXETRA)
- Mess Manager Nilachal men's hostel (capacity-416) for the month of October,17
- Solved 115/115 Python challenges in Hacker-Rank scoring 2305 points.

HOBBIES

- Playing Tabla, Painting, Playing Sports