ROHIT PAUL

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🔗 rp23portfolio.herokuapp.com/ in https://www.linkedin.com/in/rohit-paul-91038310b/
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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
- 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.
- Implementation of K-Means and K-Means+ from scratch

Internship
Numaligarh Refinery Limited Numaligarh
- Developed a basic web app using .NET framework.

Major Project
Semantic Social Networking Site

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

Data Analysis on Covid-19

Comparing the top 4 COVID affected countries and how the trend is comparing to India

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

Jovian/freecodecamp.org

Deep Learning with PyTorch: Zero to GANs

Jovian/freecodecamp.org

Discrete Math and Analyzing Social Graphs

coursera.org/verify/RAHD358BJ95W

M001: MongoDB Basics

https://university.mongodb.com/course_completion/aef2ec93-6d26-4737-a378-923f699bdf14

SKILLS

Programming Languages:

C | C++ | HTML | CSS | Javascript | Java | Python | Prolog | MongoDB

Module/Frameworks/Libraries:

React | NodeJS | Webpack | Numpy | Pandas | Matplotlib | Sklearn

Application:

Git | Github | VSCode | MySql | MS Office | Adobe Photoshop | Oracle | 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 HackerRank scoring 2305 points.

HOBBIES

- Playing Tabla, Painting, Playing Sports