

PRITHA GUHA MAJUMDAR

Kolkata, West Bengal

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in Pritha Guha Majumdar

🔗 pritha-git

EDUCATION

The Neotia University

B.Tech in CSE with Specialization in AI ML - CGPA - 8.68

08 2022 – Ongoing

Diamond Harbour, India

Rhode Island Public School

WBCHSE - Percentage - 95.2%

2020 – 2022

Baruipur, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Machine Learning

PROJECTS

Weather Web Application 🔗 | Html, CSS, Java Script

12 2023

- Displaying current weather conditions based on user location or search query.
- Providing weather forecasts for multiple days.
- Implemented optimizations to enhance performance, including minimizing API requests and code optimization.

Rainfall Prediction Using ML 🔗 | Pandas, Numpy, Matplotlib, SKlearn

11 2023

- Utilized a comprehensive dataset containing historical weather data including features like temperature, humidity, wind speed, and pressure.
- Implemented a Random Forest Classifier algorithm, known for its effectiveness in handling large datasets and complex relationships between features.
- Conducted feature engineering to select relevant features and preprocess the data for model training.

Potato Blight Detection Using CNN 🔗 | TensorFlow, ResNet-9, Alexnet

Ongoing

- Utilization of pre-trained CNN architectures as base models for feature extraction or as the entire architecture for transfer learning.
- Libraries such as Scikit-learn for evaluating the performance of the trained model using metrics like accuracy, precision, recall, and F1-score.
- Libraries like Matplotlib or Seaborn for visualizing data distributions, model performance metrics, and sample predictions.

INTERNSHIP

Code Clause 🔗

12 2023 – 01 2024

Web Developer

Work from home

- After completing my 3rd semester I wanted to explore more about web development so I have applied for an online internship on this domain from Code Clause through LinkedIn. And I have worked on both Backend , Frontend and Firebase authentication.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, CSS, HTML

Developer Tools: VS Code, Android Studio, Jupyter Notebook, IntelliJ Idea Ultimate

Technologies/Frameworks: Linux, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, Git

EXTRACURRICULAR

Techniche Club(Official Tech Club Of The Neotia University)

02 2024 – Ongoing

Tech Assoicate Member

Sarisha, Diamond Harbour

- Organized National Science Day
- Worked as Team Member for Edu Care(Providing computer classes for needy students).

CERTIFICATIONS

- ReactJS & Redux
- Python for Data Science - Cisco
- Java
- NDG Linux Essentials - Cisco Netacad