Jayabrota Banerjee

jayabrota.banerjee2022@iem.edu.in   linkedin.com/in/jayabrotabanerjee   github.com/jayabrotabanerjee

Projects

Soil Image Analyzer   github.com/sDaCoder/nasa-debuggers

Developed for the Hack2Skill NASA Space Apps Hackathon; qualified for the final round of the competition.
Utilized Selenium WebDriver to scrape soil images from Google, and trained a classifier using Pillow and OpenCV to categorize soil into alluvial, red, clay, and black types.
Predict suitable conditions for the crop along with location-based rainfall prediction.

Education

BTech in CSBS   **IEM Kolkata**

2022 – Present
CGPA: 8.72 (till 4th Semester)

ISC   **The Future Foundation School**

2022
Percentage: 75%

ICSE   **The Future Foundation School**

2020
Percentage: 89%

Skills

- Linux
- Python
- C
- Java
- SQL
- NoSQL
- Microsoft Excel and PowerBI

Hobbies

- **Playing Chess:**

  Involved with the Chess Club of IEM Kolkata.
  Qualified for the final round of the Annual Chess Championship (2019) hosted by Garden High School.