

Sakshi Gupta

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in sakshi-gupta

🔗 sakshi-codes

Projects

Multi-Class Classification of Colorectal Cancer Tissue

Machine Learning, Deep Learning, Python

🔗 Classification-Colorectal Cancer March 2022 - June 2022📅

- Automated classification task, and in particular on eight histological characteristics
- Used five common deep neural networks based on CNN models
- Suggested an improved colorectal cancer (CRC) tissue categorization model

EEG Based Emotion Classification

Machine Learning, Deep Learning, Python

🔗 Emotion Classification May 2022-June 2022📅

- Proposed a deep learning technique based on Convolutional Neural Networks (CNNs) and Random Forest and SVM classifier
- Extracted more discriminative features from EEG signals

Bus Management System

PHP, CSS, JavaScript, Hack

🔗 Bus management Jan 2022 - Feb 2022📅

- Website build to implement CRUD operations.
- Developed the entire website from scratch and handled the responsiveness.

Smart Parking System

Arduino UNO, Node MCU, Ultrasonic Sensors, IR Proximity Sensors

🔗 Smart Parking System June 2021-August 2021📅

- Built an IoT based smart parking system that has the ability to detect empty slots
- Implemented app for users to check the availability of parking slots.

Online Quiz Website

Python, JavaScript, HTML, CSS, Django, SQLite

🔗 quiz-website May 2021 - June 2021📅

- This website is made using Django.
- It can be used to take quizzes.

Education

International Institute of Information Technology Naya Raipur

📅 Dec 2020 -July 2024 / CGPA:8.45

O.P. Jindal School Raigarh / *Intermediate*

📅 Apr 2019 - May 2020 / 93.6

O.P. Jindal School Raigarh / *High School*

📅 Apr 2017 - May 2018 / 95

Technical Skills

- **CS Core:** Data Structures, DBMS, OS, CN,OOPS
- **Languages:** C/C++, Python, SQL, HTML, CSS, Javascript
- **Frameworks:** React, Bootstrap, Django
- **Developer Tools:** Git, GitHub, VS Code,
- **Database:** MySQL

Interests

- Competitive Programming
- Web development
- Machine Learning

Achievements

- **Codechef Max. Rating:** 1616 (3 Star)
- **Codeforces Max. Rating:** 1089
- **Hackerrank 5 Star** in programming
- **Leetcode** More than 100 questions solved
- Third @Bit to byte coding for girls organized by IIIT Naya Raipur.