Sakshi Gupta

Undergraduate Student - International Institute of Information Technology Naya Raipur

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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

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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:8.59*

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

- **Amazon ML Summer School'22**
- **Codechef Max. Rating:** 1616 (3 Star) **Codeforces Max. Rating:** 1089
- **Hackerrank 5 Star** in programming
- Third @Bit to byte coding for girls organized by IIIT Naya Raipur.