Shraddha Tiwari

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Profile

An optimistic person and an avid learner, exploring new opportunities. I intend to learn and apply my knowledge of Computer Science and Mathematics into creating promising and remunerative technology for future.

Education

Bachelors of Technology,   11/2021 – present │ Jais,Amethi
Rajiv Gandhi Institute of Petroleum Technology.
Mathematics and Computing
CPI: 8.02 (till 2nd semester)

Intermediate, *City Montessori School*   2018 – 2020 │ Lucknow
92.25% in ISC

Matriculation, *City Montessori School*   2018 │ Lucknow
96.20% in ICSE

Projects

BRAIN TUMOR DETECTION USING AI IMAGES   10/2022 – present
A project based on Deep learning and Artificial Intelligence involving the concepts of Image processing using Python.

OCR CAPTCHA RECOGNITION- DATA SCIENCE   08/2022 – 10/2022
Built a fully automated software with the help of python whose function is to detect and solve captcha and extract information. This is done using post API and with the help of postman, which sends request to the back end server and tests and modify the data. It uses various python libraries like request, selenium web drivers , tesseract etc.

DIABETES PREDICTION   06/2022 – 08/2022
NLP model for prediction of diabetes prediction dataset which uses parameters like heart rate, glucose for predicting diabetes. Application of exploratory data analysis and trained and tested data using model selection tools with help of machine learning models and regressions. Achieved an accuracy of 82.48% using Logistic Regression.

Skills

• C++, JAVA, Python and MATLAB, • Concepts of Data Structures, • Machine Learning, • Data Science

Extracurriculars

Executive in RGIPT ACM and Codechef student chapters • All Rounder of the Year Awardee in school. • Cent Percent Achiever Award for Computer Science for two years consecutively in school. • Represented college in sports fest UDHGHOSH 2022 at IIT Kanpur for Women Shotput. • Gold medalist in UCMAS ABACUS course.
• Enthusiastic to participate and have won prizes in cultural activities. • Teaching volunteer in GYANARPAN, PROJECT AMETHI.