Kaustubh Gupta

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Education

KRISHNA INSTITUTE OF ENGINEERING & TECHNOLOGY

Bachelor's in Computer Science&Information Technology

📅 08 2020   📍 Ghaziabad, UP

CGPA - 8.3

LITTLE FLOWER HOUSE

Higher Secondary education -Cbse Board

📅 2017-19   📍 Varanasi, UP

Percentage - 79%

SUNBEAM SCHOOL

Secondary education -CbseBoard

📅 2016-17   📍 Mughalsarai, UP

CGPA - 9.4

Coursework

GRADUATE

- Data Structures & Algorithms
- Quantum Computation using qiskit
- Data Analysis& Pre-processing
- Database Management System
- Machine Learning
- Deep learning

Skills

PROGRAMMING

Python • C/C++

MISCELLANEOUS

VS code• Jupyter notebook • Spyder • GitHub •Scikit-learn• Numpy • Pandas • Seaborn •Tensorflow • Overleaf • Qiskit•kaggle

Certifications

PYTHON FOR BEGINNER

-University of Michigan

PYTHON FOR DATA SCIENCE

-IBM

DATA ANALYTICS ON AWS

–AWS

CYBERSECURITY ESSENTIAL

-Cisco

INTRO. TO CYBERSECURITY

-Cisco

Projects

ENCRYPTION & DECRYPTION USING RSA ↗

Tools Used- Python,VS Code

- Two programs A&B
- B perform encryption on user's alphabetic string, A generates asymmetric keys & perform decryption.

DEMONSTRATION-OF-QUANTUM-HADAMARD-EDGE-DETECTION ↗

Tools Used- Python,Jupyter notebook,Qiskit

- Detecting the edge inside the image using QHED algorithm in a quantum computer simulator.

HOUSE PRICE PREDICTION ↗

Tools Used- Python,Jupyter notebook,sklearn

- Prediction of house price using linear regression model.
- discovered patterns in the data such as trends, co-relations, probabilities, and used tools such as matplotlib, Pandas, Sklearn.

Internship

CISCO CYBERSECURITY INTERNSHIP ↗

VIRTUAL INTERN

📅 Sep 2022   📍 Ghaziabad, UP

- Learned the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Learned how cybersecurity professionals use technologies, processes, and procedures to defend all components of the network.

IIPC-KIET PYTHON INTERNSHIP ↗

VIRTUAL INTERN

📅 Aug 2021   📍 Ghaziabad, UP

- Learned the python language , oop concepts and worked on project using python language.

Co-Curricular

HAQS QUANTUM COMPUTING HACKATHON

PARTICIPANT

📅 Nov 2022   📍 Ghaziabad, UP

Attempted challenges in quantum machine learning & quantum entanglement.

DSC KIET CLUB

MEMBER

📅 Sep 2022   📍 Ghaziabad, UP

Explored multiple of ML and DL methods and implemented some DL approaches in projects.

INTELLECTUAL PROPERTY OFFICE,INDIA

PARTICIPANT

📅 Jan 2022   📍 Ghaziabad, UP

Participated in IP awareness program and learned different types of IP's.

Research Interest

Deep Learning• Quantum Computing • Quantum Machine Learning