

ARMAN KHAN

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Education

Jamia Hamdard University

B.Tech in Computer Science and Engineering(GPA: 7.17/ 10)

Aug 2021 - Present

New Delhi, Delhi

Aravali Public School

12th - Science with Maths - Intermediate(GPA: 7.89/ 10)

April 2021

Nuh, Haryana

Good Samaritan School

10th- Matriculation(GPA: 7.58/10)

April 2019

New Delhi, Delhi

Projects

Online Payment Fraud Detection | *Python, Machine Learning*

- Developed a web-based application to detect fraudulent transactions using machine learning. The system analyzes transaction details and predicts whether they are fraudulent or legitimate.
- Collected and preprocessed transactional dataset of transaction to training and testing.
- Deployed the application using Flask to provide real-time fraud detection based on input transaction details.
- Analysed a user-friendly interface with HTML, CSS, and JavaScript for seamless user interaction.

Brain Tumor Identification System | *CNN, Deep Learning*

- Developed an automated system for detecting brain tumors from MRI images using deep learning techniques, particularly Convolutional Neural Networks (CNNs).
- Implemented and trained a CNN-based model to achieve accurate tumor identification with high performance metrics.
- Built a user-friendly web application using Flask, with a responsive frontend designed in HTML, CSS, and JavaScript.
- Integrated deep learning technologies to process medical imaging data effectively and ensure reliability in predictions.

Technical Skills

Languages: Java, C, HTML/CSS, JavaScript, Python, SQL

Developer Tools: VS Code, Eclipse, Overleaf

Concepts: Compiler, Operating System, OOPs, Computer Networking, Mathematics, Database Management System

Publications

- * Published a research paper titled "Synergetic Intelligence: A Multi-Agent Learning Framework for Sustainable Healthcare Computing" at the 4th International Conference on ICT for Digital, Smart, and Sustainable Development, held at Jamia Hamdard University (April 23-24).
- * Explored innovative multi-agent learning techniques to improve sustainable healthcare computing systems, emphasizing collaborative intelligence, efficiency, and data-driven decision-making in healthcare environments.

Certificates

- Completed certifications in C, C++, and Java programming from Spoken Tutorial, IIT Bombay, demonstrating proficiency in foundational and object-oriented programming.