Mohd Faisal Hussain

✉faisalhussain17122003@gmail.com | 📱+91 7819840241 | 📍Agra, Uttar Pradesh | 🐙01Amadeus01

Education

Indian Institute of Information Technology Bhopal *Bhopal, MP*
B.TECH IN Electronics and Communication| GPA: 7.67 *Sept, 2023 - Present*

Projects

- Developed a Tic-Tac-Toe AI using the Minimax algorithm for optimal decision-making.
- Created an AI-powered Minesweeper solver to predict safe squares based on probabilities.
- Built a genetic algorithm to assess the likelihood of inheriting a genetic trait.
- Designed an AI to rank pages by importance using graph theory principles.
- Programmed an algorithm to generate crossword puzzles from a given word list.
- Implemented a predictive model to forecast if online shoppers will complete a purchase.
- Trained a reinforcement learning AI to play NIM, a strategic mathematical game.
- Applied computer vision techniques to identify traffic signs from photographs.
- Built a natural language processing tool to parse sentences and extract noun phrases.
- Developed a predictive model to forecast a missing word in a sequence.

Skills

Languages: Python, C
Tools: Git, Github, Pandas, scikit-learn, Jupyter Notebook, Kaggle
Frameworks: NumPy, Matplotlib, Plotly, Gradient Boosting, Tensorflow
Platforms: Linux, Google Cloud Platform

Certificates

CS50's Introduction to Artificial Intelligence with Python

CS50