

Raihan Uddin

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PROFILE

I AM CURRENTLY PURSUING AN MSc IN COMPUTER SCIENCE WITH A STRONG INTEREST IN DATA SCIENCE, MACHINE LEARNING, AND SOFTWARE DEVELOPMENT. I AM EAGER TO LEARN NEW SKILLS AND GAIN EXPERIENCE TO BUILD A SUCCESSFUL CAREER. MY GOAL IS TO CONTRIBUTE TO INNOVATIVE PROJECTS AND MAKE A POSITIVE IMPACT THROUGH TECHNOLOGY.

PROJECTS

• A Classification Based approach for predicting Smartphone Price Categories *Aug 2024 - Nov 2024, RKMVERI*

- Built a machine learning model to accurately classify smartphones into price segments using multiple classification algorithms.
- Analyzed key features influencing smartphone pricing to improve model performance.
- Compared various classification techniques to identify the best algorithm for price prediction.

Tools Used: [Python(Sckit-learn,pandas,numpy,matplotlib)]

• A Wavelet-Based Approach for Authenticating Medical Images and Extracting Patient Information *Jan 2024 - April 2024, RKMRC*

- Designed and implemented a digital watermarking system to protect the integrity of medical images and ensure their authenticity.
- Applied methods like Discrete Wavelet Transform (DWT), Histogram Shifting, and Arnold Cat Map to seamlessly embed hidden watermarks into images.
- Created a tool that enables healthcare professionals and researchers to confidently verify medical images for diagnosis and treatment.

Tools Used: [Python, OpenCV]

ACHIEVEMENTS

- MPST Entrance Exam AIR-2, conducted by the Indian Association for the Cultivation of Science.

POSITIONS OF RESPONSIBILITY

- **Instructor at Envision, RKMRC:** Guided tech activities during the college tech fest. *Feb 2024*
- **Organizer for Perceptron, RKMRC:** Assisted in organizing and managing events for the tech fest. *Jan 2025*

EDUCATION

RAMAKRISHNA MISSION VIVEKANANDA EDUCATIONAL AND RESEARCH INSTITUTE

MSc IN COMPUTER SCIENCE
(MINORS IN MATHEMATICS AND STATISTICS)

JULY 2024 - JULY 2026

Cumulative GPA:

RAMAKRISHNA MISSION RESIDENTIAL COLLEGE

BSc IN COMPUTER SCIENCE

NOVEMBER 2021 - JUNE 2024

Cumulative GPA: 8.30

SKILLS

PROGRAMMING

- C/C++ • Python
- Java • Kotlin
- JavaScript • R

WEB DEVELOPEMENT

- Html/Css • React
- Node js

OTHER FRAMEWORK

- Scikit Learn • TensorFlow
- Django • Keras

TECHNOLOGY

- Git/Github • LLM • UNITY
- Android Studio • RAG

COURSEWORK

POSTGRADUATE

Advance Algorithm
Introduction to Probability
Graph Theory and Algorithm
Statstics-I

UNDERGRADUATE

Programming and Datastructure
Design and Analysis of Algorithms
Operating Systems I
Artificial Inteligence
Machine Learning

LINKS

GitHub: github.com/Raihan2511

LinkedIn: linkedin.com/in/raihan-uddin