SOUROV KARMOKAR

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- **Mirpur-2, Dhaka**

CAREER OVERVIEW

To become a successful expert in the field of Computer Technology by challenging my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization.

EDUCATION

Bachelor of Science in computer science and Engineering   (2020-2023)

Bangladesh University of Business& Technology
Address: Rupnagar, Mirpur-2, 1216, Dhaka, Bangladesh
Grade: 3.18 (Out of 4.00)
Thesis: NeuroQuest: Advancing Alzheimer's Disease Detection using Deep Learning Algorithms

SKILLS

- C, C++, Python
- HTML, CSS, JAVASCRIPT.
- PHP.
- MySQL Database
- Operating System -Windows, Linux Cyber Security,
- Machine Learning,
- Python, SQL, Linux.

LANGUAGE

- Bengali: Mother Tongue.
- English: Speaking and Writing

RESEARCH

NeuroQuest: Advancing Alzheimer Disease Detection using CNN and Transfer Learning This project aims to improve Alzheimer's disease detection using CNN, ResNet, VGG models and XAI model.

REFERENCES

Md. Mamun Hossain
Phone number: (+880)1744104430
Email: mamun.h@bubt.edu.bd

Assistant professor
Dept. of CSE, BUBT

PROJECTS

Data-Driven: Customer Segmentation and Churn prediction using Machine learning

This is an Unsupervised Machine Learning model uses K means and hierarchical clustering to identify distinct customer groups in the banking sector and also identify customers at high risk of attrition.

Lettuce Deficiency Detection Utilizing Deep Learning

In this project dataset was imbalanced so after handling the dataset use SVM, and ANN models for nu merical classification

Chronic-Kidney-Disease-Prediction-Using-Python-Machine-Learning

The text emphasizes leveraging AI, including logistic regression, for more accurate CKD diagnosis and personalized patient care through biomarker discovery and imaging methods. The use of sequential models and confusion matrices ensures efficient data processing and model evaluation.

Food Delivery App

It is an online food where users can order, app authenticated by Firebase

school management system

Fontend-HTML,CSS, Javascript, Backend-Php, Database-SQL

Solar Tracker and Monitoring System

In this project solar panels in real-time to follow the sun's movement, control solar systems, and real-time data on energy production, and storage, For real-time data used Firebase