

KANIJ FATEMA ARPA

Graduate Computer
Science Engineer

Shwamibag, Dhaka

kanijfatemaarpa@gmail.com

kanij-fatema-arpa-

+8801991029769

www.homepage.com

KanijFatemaArpa

EDUCATION

East West University

BSC IN COMPUTER SCIENCE & ENGINEERING

Aftabnagar, Dhaka

2018 - 2023

- Major in Artificial Intelligence
- Bachelor Thesis (A+): Criminal Activities Detection Through Surveillance Camera Using Machine Learning and Deep Learning
- CGPA 3.36

Ideal College

HIGHER SECONDARY EDUCATION

Dhanmondi, Dhaka

2015 - 2017

- GPA 4.7

Makhati G.c High School

SECONDARY EDUCATION

Makhati, Munshiganj

2013 - 2015

- GPA 5

PROJECTS

A Machine Learning and Deep Learning Integrated Model to Detect Criminal Activities

BUILD A CENTRAL SYSTEM CONSISTING OF THREE MODULES: I.E.

ML,DL

2023

- Criminal Activity Identification
- Weapon Detection
- Criminal Detection: Sentiment Analysis+Face Recognition

Heart Attack Risk Prediction

WHETHER A PERSON HAS A RISK OF HEART ATTACK

Auto ML

2024

Frequent Pattern Mining Algorithms

ANALYSIS APRIORI AND FP-GROWTH

ML

2021

Auction Management System

WEBSITE

HTML,CSS,JavaScript

2022

Interpreter

INTERPRET ASSEMBLY LANGUAGE BASED ON SOME BASIC INSTRUCTIONS FOR A MACHINE HAVING THREE REGISTERS

C

2021

LPG Leakage Detector using Arduino with notification Alert and Sound Alarm

Blynk App

ARDUINO UNO, MQ6 GAS SENSOR, NODEMCU ESP8266, ARDUINO IDE, TINKERCAD

2022

Portfolio Website

RESPONSIVE

Nextjs,Tailwind CSS,Framer-motion

2024

PUBLICATIONS

- 2023 **1st Author**, K. F. Arpa et al., "A Machine Learning and Deep Learning Integrated Model to Detect Criminal Activities," 2023 4th International Conference on Big Data Analytics and Practices (IBDAP) *Bangkok, Thailand*



ABOUT ME

Engineer, software geek, problem solver, technical enthusiast, organized, articulate, coordinated, and hard-working

SKILLS

Data structure+Algorithm(CGPA 4)

PHP+SQL+RDBMS

NextJs+Tailwind CSS

DevOps

Python

0 +500 h

LANGUAGES

English • Fluent

Bangla • Mother tongue

Hindi • Conversational

HOBBIES

Research, Reading, Exploring, Cooking

NON PROFIT

- Graphic Design
- Motion Graphics
- Microsoft Office