MD.Shahriar Kamal

Home : Balshid,Shahrasti,Chandpur , 277, Bangladesh

Email: shahriar2203041@gmail.com **Phone:** (+880) 1868416470

ID: 9173528366 **Gender:** Male **Date of birth:** 29/06/2003 **Place of birth:** Shahrasti, Bangladesh **Nationality:** Bangladeshi

WORK EXPERIENCE

[20/08/2024 – Current] **Junior Executive,KUET Math Club**

City: Khulna | **Country:** Bangladesh

[01/01/2025 – Current] **Junior Executive, EEE Makers Hub**

City: Khulna | **Country:** Bangladesh

[15/06/2021 – 30/10/2022] **Vice President,Rotaract Club Of Notre Dame College**

City: Dhaka | **Country:** Bangladesh

[24/07/2021 – 10/04/2022] **Senior Executive(Math), Initiative**

[10/06/2021 – Current] **Founding President,Team PB**

City: Dhaka | **Country:** Bangladesh

[06/06/2021 – 06/06/2022] **Member,Notre Dame Science Club**

EDUCATION AND TRAINING

[27/09/2023 – Current] **B.Sc. in Electrical and Electronic Engineering (EEE)**

Khulna University of Engineering & Technology https://www.kuet.ac.bd/

City: Khulna | **Country:** Bangladesh | **Field(s) of study:** Engineering, manufacturing and construction | **Final grade:** 3.94(Till Second Semester)

[01/04/2020 – 15/03/2023] **Higher Secondary Certificate**

Notre Dame College https://ndc.edu.bd/

City: Dhaka | **Country:** Bangladesh | | **Level in EQF:** EQF level 2

[01/01/2010 – 20/12/2020] **Secondary School Certificate**

Cantonment English School and College https://cesc.edu.bd/

City: Chittagong | **Country:** Bangladesh | | **Level in EQF:** EQF level 2

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING C1 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Campus Ambassador | Events Organizing

Digital Skills

AutoCAD: Intermediate | Microsoft(Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Access) / | Editing Photo / Video | Filmora, Inshot, Vivavedio, Kinemaster, Capcut etc | PCB Design (Autodesk EAGLE, EasyEDA and KiCAD)

PROJECTS

Bio Pesticide

Say No to Chemical Pesticides!

Less than 1% of chemical pesticides reach the targeted pests, while the remaining 99% harms the soil. Our project aims to reduce chemical pesticide use by introducing an eco-friendly bio-pesticide made from natural ingredients.

By using bio-pesticides, soil fertility will be ensured, and the need for nitrogen and phosphorus can be reduced by 25%. This cost-effective solution is highly suitable for our country, offering a sustainable approach to agriculture and environmental protection.

A step towards a greener and healthier future!ere the description...

Link: https://www.linkedin.com/in/shahriar-kamal-62b90b344/

Unified Product Management & Boycott Framework

In today's world, every purchase we make has an impact. Many consumers are now more aware of the ethical and political implications behind the brands they support. This inspired me to develop the project as part of my Computer Fundamentals and Programming (EE 1222) course at KUET—a platform designed to help users make informed purchasing decisions while ensuring their values are reflected in their choices.

Link: https://www.linkedin.com/feed/update/urn:li:activity:7306327089593344000/

Design and Implementation of IR Proximal Sensor

This project focuses on detecting objects using an IR transmitter and receiver circuit, allowing us to track and measure object movement with precision. By integrating an ESP32 microcontroller, we enhanced the system's capabilities, enabling real-time counting of passing objects and even RPM measurement.

🔢 Key Features & Applications:

✔ Object Detection – Detects any object approaching the IR sensor.

✔ Counting Mechanism – Tracks the number of objects passing through the sensor.

✔ RPM Measurement – Calculates rotational speed in various mechanical applications.

✔ Versatile Applications – Used in robotics, automation, security systems, and medical devices.

The use of IR sensors in modern technology is vast, from medical diagnostics to industrial automation. This experiment gave us hands-on experience in circuit design, sensor calibration, and data collection.

Link: https://www.linkedin.com/feed/update/urn:li:activity:7294307568464654336/