

Eftakhar Ahmed Arnob

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Present Address: House - 59

Housing Estate, Sylhet-3100, Bangladesh.

Objectives

I strongly intend to deliver my skills and innovative ideas as a software engineer. I want to work in a professional environment to cope up with the competitive world and contribute to the society.

Education

North East University Bangladesh (NEUB), Sylhet

B. Sc. (Engg.) in Computer Science & Engineering, (2018 - 2022)

Dhaka Imperial College

Higher Secondary Certificate (HSC), 2018

Dampara K.M.U High School

Secondary School Certificate (SSC), 2016

Work Experience

Worked on Some Personal and Institutional Projects.

Achievements

90th Position

ICPC Dhaka Regional 2020 – Onsite Contest

661th Position

ICPC Dhaka Regional 2019 – Online Preliminary

Champion

NEUB Eid Mubarak Code Challenge - 2020

1st Runner Up

Robotics Contest

NEUB ICT FEST – 2019

2nd Runner Up

Project Showcasing

NEUB ICT FEST – 2019

1st Runner Up

NEUB October Code Challenge – 2019

Projects

Artificially Intelligent Smart LFR

This is a Line Following Robot. But it has one extra ordinary feature, which is its artificial intelligence. I have developed it as a normal LFR and then implemented a small algorithm on it. Despite my algorithm being small and efficient, it can show some extraordinary characteristics on my robot. If my robot lost track, this algorithm can remember past data and compare it with its experience data. After comparing, it decides where to find the track and then finds the exact location of the track where it was lost. All of these processes happen extremely fast.

Smart and Automated Water Pump Controller and Water Level Indicator

The Goal of this project was to control the water pump we use in houses and factories to fill the water tanks. I have a story behind this project, on 2019, I went to my village house where my mother lives. I have seen her sitting in front of the water pump switch to turn off it when the tank gets filled, so that the water is not wasted. From that scene I have got the idea of making such a project.

I did actually complete that entire project and showcased it on the university ICT fair, where I was selected as 2nd runner up for that project.

I am currently practically using this project successfully on my village home and also the prototype model I made is currently placed in out university showcase.

A very simple retro style game

This was for one of my University Courses. This game is totally RAW Coded in Java Language. It's Currently Under Development.

A Demo Operating System

I am currently working on developing a demo operating system, has not finished yet. This is also for one of our university courses.

Bluetooth transmission system.

SKILLS

Programming Languages: C, C++, Java, Python, Arduino, PHP.

Technologies: HTML5, CSS3, W3CSS, MySQL.

Language Proficiency: Very Good reading, writing, speaking & listening skills in Bengali and English.

Other Achievements

Srijonshil Medha Anneshan : 1st Position in District Level at Social Studies.

Research Works

(None)

Publications

(None)