

MUSFIQUR RAHMAN

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CAREER OBJECTIVE

To improve my skill and to learn what industry requires for keeping pace with the art technology, to fully utilize my knowledge and skills to the contribution of the growth of the organization and build my professional career.

SKILL

Language: JAVA , PHP, HTML, CSS, JavaScript

Database: MYSQL Database.

Familiar with Github, Ubuntu, Basic Wordpress, CISCO Packet Tracer, CentOS. Worked in Netbeans, Eclipse, Sublime Text, MatLab, Assembly Language, Arduino.

PROJECTS

Restaurant Management System (Database Course)

It was a web based project where we used PHP (Laravel Framework) , HTML5, CSS, PHPMyAdmin and MYSQL Database for building that website. In this website customer can order their menu which will automatically update in waiter, accountant and chef profile. By receiving updates they will get prepared for that order.

Online Renting House Management System (Software Engineering Course)

It was a web based project where we used PHP (Laravel Framework), HTML5, CSS, Angular JS, PHPMyAdmin and MYSQL Database for building that website. Here tenant can book their flat or room according to their needs, ability. They also can pay their payment, reservation fees and other charges through mobile banking.

Emergency Lock Opening System (Digital System Design Course)

In this project we used Arduino UNO, PIR motion sensor, Buzzer, GSM shield. The main purpose of this project is if a person become senseless in a close room then the PIR motion sensor will detect that and in the outside the buzzer will start work and will send message through the GSM Shield. Thus we can help a senseless person with this project.

Industrial Safety Management System (Computer Interface Course)

In this project we used Arduino Mega, Ethernet Shield, Smoke sensor, Gas sensor, Temperature sensor, Servo motor, Camera, Monitor etc. With the help of this project we can detect smoke & high temperature and will decide if it is firing or not. If there is a gas leakage or fire, notification will be sent to operator.

An Optimal Route Selection with Reinforcement Learning for the Waste Management in Dhaka City (Thesis Topic)

It was the topic for our thesis in the university. Here we used two Reinforcement Learning (which is an area of machine learning inspired by behaviorist psychology, concerned with how software agents ought to take actions in an environment so as to maximize some notion of cumulative reward.) algorithms (Q-Learning & SARSA) to find an optimal route. To find the route we used the map of Dhaka city and considered the different places of Dhaka city as node or state and then using proper action we found the optimal route. We used both the algorithms and finally we compare the convergence speed of the algorithms. In this case the SARSA algorithm gives the best reward.

EDUCATION

B.Sc. in Computer Science, Department of Computer Science and Engineering, BRAC University, Mohakhali, Dhaka 1212.

CGPA: 3.11

HSC in the year of 2012 from Adamjee Cantonment College, Dhaka.

GPA: 4.7

SSC in the year of 2011 from Mirpur Bangla High School, Dhaka.

GPA: 5.0

PERSONAL INFORMATION

Name: Musfiqur Rahman

Father's Name: Lutfur Rahman

Mother's Name: Sufia Rahman

Date of Birth: October 08, 1995

Gender: Male

Marital Status: Unmarried

Nationality: Bangladeshi

Religion: Islam

REFERENCES

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