# DURJOY TALUKDER

## B.Sc. Electrical and Electronics Engineering

### PROFILE

EXTREMELY MOTIVATED TO CONSTANTLY DEVELOP MY SKILL AND GROW PROFESSIONALLY. I AM CONFIDENCE IN MY ABILITY TO COME WITH INTERESTING IDEAS FOR POWER PLANT.

### ACHIEVEMENT

**4TH PLACE IN LINE FOLLOWING ROBOT AIUB COMPETITION 2018**

### EXTRA QUALIFICATION

Good   Community communication
Good Leadership
Good Organizing skill
Being positive

### INTEREST

Reading Research Paper
Travelling
Cooking

### GET IN TOUCH WITH ME

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## PREVIOUS EDUCATION

**American International University-Bangladesh**

*Bachelor of Electrical And Electronics Engineering*
*CGPA: 3.88 out of 4*
*Passing Year:(2017-2020)*

**CDA Pubilc School and College**

*HSC, Passing Year-2016*

GPA: 4.58 out of 5

## Skill

### EMBEDDED SYSTEM
-ARDUINO UNO/MEGA
-MICRO-CONTROLLER

### Programming Language
-HTML
-C/C++
-MATLAB SIMULATION
-PYTHON

### Software
-MS OFFICE(WORD,EXCEL,POWERPOINT
-PROTEUS
-EAGLE
-SYSTEM DESIGN SOFTWARE
-AUTOCAD 3D
-AUTOCAD 2D
-VISUAL STUDIO
-PSIM
-MULTISIM

## MAJOR PROJECT

### Project Thesis: Arduino based Smart Hydroponics System

-Arduino will be used as the brain of the system to monitor the vital conditions of the crops, such as nutrients, pH, temperature, humidity, water level, turbidity, waterflow rate, using sensors. These sensors will give input to the Arduino (brain of the system) and the Arduino will take necessary actions by providing the necessary conditions, in terms of controlling the conditions, like, increasing or decreasing the temperature of the system, water flow rate, amount of nutrients etc. to name some

## MINOR PROJECT

-SMART SECURITY DOOR LOCK USING ULTRASONIC SENSOR AND
-SECURITY ALAM CIRCUIT USING LDR LIGHT
-AUTOMATIC  LINE FOLLOWING ROBOT
-WATER LEVEL DECTECTOR

## REFERENCE

**Md. Saniat Rahman Zishan**

Head**,** Department of Computer Engineering (CoE);

Associate Professor, Department of EEE  & CoE ; American

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