



# PROSONUL HAQUE

## Curriculum Vitae



### Contact Info



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## Education



### Khulna University of Engineering & Technology

BSc in Electronics & Communication Engineering

CGPA: **3.09** in scale of 4.00

### Dhaka College

Higher Secondary Certificate

GPA: **5.00** in scale of 5.00

### Udayan Bidyalaya

Secondary School Certificate

GPA: **5.00** in scale of 5.00

### Udayan Bidyalaya

Junior School Certificate

GPA: **4.64** in scale of 5.00



## Linked With & As

### Manipulators of Electron Club (MEC)

Instructor

Executive Committee (2018-19)

### TRY (A Social Welfare Organization)

Member

Executive Committee (2018-19)

### KUET Film Society

Vice President

Executive Committee (2019-20)

## Achievements



### YOLO v3 Robust Deep Learning Object Detection

Certified by Udemy

### Mask RCNN- Practical Deep Learning Segmentation

Certified by Udemy

### Technical Scholarship for Outstanding Performance (2016-19)

ECE, KUET



## Language Skills

### Bengali

First Language

### English

Fluent in Speaking, Listening, Reading & Writing

### Organizing Experience



#### TECHNIVAL 2018

Participation: Organizer  
Venue: KUET Premises

#### 5th DCSC National Science Expo 2014

Participation: Organizer  
Venue: Dhaka College Premises

### Projects & Thesis



#### Undergraduate Thesis

Object Detection and Localization using YOLO v3 Algorithm

#### IOT Based Accident Detection and Alarming System

Accident was detected using accelerometer, gyroscope sensor, smoke detector, vibration sensor and then a SMS was sent to emergency number with GPS location using GPS module and a GSM module and also GPS location was sent to cloud using WiFi module

#### Voltage Stabilizer

Voltage regulation was accomplished by switching the relays to connect one of a number of tapping of the transformer to the load whether it was for boosting or bucking operation.

#### Dual Port DC Power Supply

AC to DC converter was used to produce output DC with power backup, voltage regulation, short circuit protection, over voltage protection and under voltage protection.

### Reference



#### Dr. Sk. Shariful Alam

Professor  
Department of Electronics and Communication Engineering  
Khulna University of Engineering & Technology (KUET)  
Khulna -9203, Bangladesh.

Website : [www.kuet.ac.bd/ece/ssalam/](http://www.kuet.ac.bd/ece/ssalam/)

**Applying for:** Any suitable position.

### Software Skills



#### C/C++

Programming Language

#### Python

Programming Language

#### MATLAB

Programming Language

#### OPENCV

Computer Vision Library

#### Darknet

Neural Network Framework

#### HTML/CSS

Web Programming Language

#### PHP

Web Programming Language

#### SQL

Structured Query Language

#### Adobe Photoshop

Photo Editing Software

#### Adobe Premiere Pro

Video Editing Software

#### Microsoft Office Word

#### Microsoft Office Excel

#### Microsoft Office Power Point