



## Mashfique Ahmed

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## Objective

Seeking an opportunity to utilize my knowledge to build a career that would intrinsically help me achieve greater practical excellence in technical and management skills and contribute my level best to the organization.

## Software Skills

### ❖ Operating systems:

Windows 7,8,10, XP and

Mac OS Seirra

### ❖ Simulation software: Proteus, Auto CAD, PSIM, COMSOL multiphysics.

MATLABand PSPICE

### ❖ Language: C++

## Technical Skills

❖ Good knowledge of circuit boards, processors, chips, electronic equipment, computer hardware and software.

❖ Embedded systems

❖ Programming in assembly language

❖ Optical communication

❖ Robotics

## Academic Qualification

### ❖ O level

Institution : Oxford International School

Group : Science

Year of Passing : 2010

### ❖ A level

Institution : Oxford International School

Group : Science

Year of Passing : 2013

### ❖ General education diploma(GED)

Score: 2540

### ❖ B.Sc. in Electrical &Electronics Engineering

Institution : Independent University Bangladesh

Department : Electrical and Electronics Engineering

CGPA: 3.10

## Strengths

❖ Willingness to learn and can adopt any kind of environment

❖ Good oral and written communication skills

❖ Determination, dedication and discipline

❖ Responsible and fast learner

## Work Experiences

❖ Assistant Engineer, Omicon Group of Industries

❖ Executive (Technical), US - Bangla Airlines

❖ Data Specialist, V-Bud (currently working)

## Publications

1. Shovasis K. Biswas, Mashfique Ahmed Amit Halder, S. M. Rakibul Islam, Md. Rubayet Islam, , Monir Hossain, "Analytical model for coupling Whispering gallery mode silica microcavity for sensing application", in 2nd International Conference on Electrical & Electronic Engineering ICEEE 2017.
2. Mashfique Ahmed, Abubakar Siddique, S. M. Rakibul Islam, Md. Rubayet Islam, , Mohammad Mahmudul Alam Mia, Shovasis K. Biswas, "Simple and Robust Convolutional Neural Network for MNIST Digit Recognition", in International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering IC4ME2, 2017 AT University of Rajshahi.
3. Shovasis Kumar Biswas, Mashfique Ahmed, Tasnim Ahmed, , Md. Sabuj Miah, Md. Tawhid Islam Opu, Md. Ferdous Wahid, "Broadband Dispersion Compensating Highly Nonlinear Square Photonic Crystal Fiber: Design & Analysis", in International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT) 2019 at Vellore Institute of Technology, India.
4. Mashfique Ahmed, Shovasis Kumar Biswas, , Md. Tawhid Islam Opu, Md. Rubayet Islam "Extremely High Nonlinearity and Large Negative Dispersion Compensating Photonic Crystal Fiber Using All Circular Air Holes for Fiber Optic Transmission System" in: International Conference on Recent Innovations in Electrical, Electronics & Kalinga Institute of Industrial Technology Communication Engineering - (ICRIEECE) 2018, at Bhubaneswar, India.

## Activity and Experiences

- ❖ Member of IEEE as well Industrial Application Society(IAS)
- ❖ Elected president of Industrial Application Society of IEEE IUB student branch 2018.
- ❖ Achieved gold, silver and bronze Duke of Edinburgh's award.
- ❖ Achieved first prize in project showcasing for my project name "Independent rover" in robotics course.
- ❖ Awarded best presenter in two courses named power transmission and distribution as well as solid state drives.
- ❖ Worked at Bangladesh Cricket Board (BCB) from 2012 till 2014.
- ❖ Served as supervisor for Grey in Digital World 2014 and 2015.

## References

1. Kafil Uddin Ahmed Mazumder  
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