



# Sayera Aznabi

House#2, 2<sup>nd</sup> Floor, Road# 19/3, Rupnagar Residential Area, Dhaka 1216

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## Career Objective

Looking for a position in a renowned company to provide quality service using my engineering knowledge, practical skills and with the help of my determination, motivation and strong analytical and problem solving power which will forward my career as well as the organization.

## Education Qualification

- **B.Sc in Electrical and Electronic Engineering**  
Result: CGPA 3.65 out of 4  
Passing year: 2016  
American International University-Bangladesh
- **Higher Secondary Certificate(HSC)**  
Science group  
Result: GPA 4.10 out of 5  
Passing year: 2011  
Banophool Adibashi Greenheart College
- **Secondary School Certificate(SSC)**  
Science Group  
Result: GPA 4.4 out of 5  
Passing year: 2009  
Pallabi M.I Model High School

## Training

Organization name: DataSoft Systems Bangladesh Limited (This training is funded ICT ministry of Bangladesh)

Period: Oct 2017- February2018

Type: IoT (Internet of Things) Trainee

Topic that was covered:

**Embedded System:** Arduino Atmega 32/28/28p, Samd21, Sensors  
**Architecture of the communication Networks:** Wire and Wireless (Bluetooth, BLE, ZigBee, Wi-fi, 6LoWPAN, ANT, Sub 1 GHz)  
**Web development:** HTML, CSS, PHP, Bootstrap  
**Database:** Mysql, Mongodb  
**Intel Edison(Nodejs)**  
**Data Analytics and Machine Learning**

### **IoT security and protocol**

Project: Smart Car Monitoring System

Project Description: A RFID will insert in the car and this RFID will note down the login and logout time of the car from the parking area. Again a loadcell will insert below the fuel tank of the car and this sensor will take the value of remaining fuel in the tank. Both RFID and loadcell value will send to database from where user can see the real time data through website anytime.

## **Work Experience**

- A thesis on “Investigation and Performance Analysis of Some Implemented Features of the ZIGBEE protocol and IEEE 802.15.4 MAC Specification”
- Worked as a freelancer (Data entry, Content writing)
- Worked on social marketing (Facebook, twitter, E-commerce site)

## **Academic Research**

- S. Nath, S. Aznabi, N. Islam, A. Faridi and W. Qarony, “Investigation and Performance Analysis of Some Implemented Features of the Zigbee Protocol and IEEE 802.15.4 Mac Specifications”, International Journal of Online Engineering (IJOE), vol. 13, no. 01, p. 14, 2017
- A. Abdullah, G. Anwar, T. Rahman, and S. Aznabi, “Water Level Indicator with Alarms Using PIC Microcontroller”, American Journal of Engineering Research (AJER), vol. 4, issue 7, p. 88-92, 2015.

## **Extra-Curricular Activities**

- HR from organization of AIUB community of Engineering Students (ACES)
- Press and Publication Executive from organization of AIUB community of Engineering Students (ACES)

## **Technical Skills**

- **Office Programs:** Microsoft Word, Microsoft Power Point, Microsoft Excel
- **Circuit design:** Proteus, Multisim
- **Programming language:** C, C++
- **Operating System:** Microsoft Windows XP, Windows 7/8/10
- **Software:** OPNET, Visual Studio Code, Atmel Studio 7, Github

## **Personal Skills and Attributes**

- Highly focused in complex, deadline driven situation and operation
- Good analytical and problem solving skills
- Able to identify goals and priorities and resolve issues
- Can work very well individually and in a group environment
- Excellent presentation, communication and interpersonal skills
- Highly organized, diverse, motivated, enthusiastic and able to work hard and learn fast

## **Personal Information**

Father's Name: Md. Ali Naseem

Mother's Name: Gul-E-Afroze

Permanent Address: House#2, 2nd Floor, Road# 19/3, Rupnagar Residential Area, Dhaka 1216

Nationality: Bangladeshi

Religion: Islam  
Marital Status: Unmarried

## **Reference**

- Md Saniat Rahman Zishan  
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Regards  
Sayera Aznabi