



## MD. ATIQUL ISLAM

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### CONTACT NO.

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### ADDRESS

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### EMAIL

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### GITHUB

<https://github.com/atiqrahid>

### LINKEDIN

<https://www.linkedin.com/in/md-atiqul-islam/>

### STRENGTHS

- Self-motivated and enthusiast in computer science and programming.
- Quick learner and team player.
- Flexible, hard worker and able to keep calm in tough situations.

### OBJECTIVE:

To enhance my working capability, professional skills and to excel in my field through enough hard work and research in best possible way with absolute determination and commitment. I would like to be a part of an organization where I could use and enhance my knowledge and talent for the development of both the organization and myself.

### WORK EXPERIENCE:

#### Research Assistant (Honorary)

North South University  
Department of Electrical and Computer Engineering  
Under Ms. Tamanna Mothar  
May 18 – December 18

### PROJECTS:

#### Android Application:

1. **A Health Care** (This Application measure Walk distance, calculate calorie burn and notify sell information.),
2. **Smart Gardener** (User set Time for watering plants, security and fertilizer test. User also watch live view through this application.)

#### Web:

1. **Blood Bank** (User search donor information by search area and user also got information about nearest blood bank, Php Laravel and MySQL use to create this site.),
2. **Old Home** (Old home information and admin can add and delete staff donor and member information. Php MySQL CodeIgniter use to create this site.)
3. **Hospital Location and Information Search** (User search hospital by location and get google map location, contact number, full address. Php MySQL use to create this site.)

#### Hardware:

1. **Smart Gardener Bot** (Its water plants check fertilizer and live stream user through application. it uses python to control microcontroller.),
2. **A Mini Nurse-Bot for Elderly People** (Give water and medicine to the patient and also check medicine. It also found the patient and notify use that patient take medicine or not. It uses c++ to control microcontroller.)

### PUBLICATION:

1. **Mini Nurse-Bot: A Healthcare Assistance for Elderly People**

Proceeding in UbiComp Adjunct 2018, Singapore, October 2018  
Doi: 10.1145/3267305.3267662

## **REFERENCES:**

### **Ms. Tamanna Motahar**

Lecturer,  
Department of Electrical and Comp  
North South University,  
Plot # 15, Block # B,  
Bashundhara R/A, Dhaka-1229  
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### **Md. Aktarul Islam**

Engineer-NOC,  
Technical Department,  
Tele-Exchange Limited,  
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Banani, Dhaka  
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## **DECLARATION OF AUTHENTICITY**

I do hereby declare that all information presented here is true to my knowledge. If required, I will submit all these documents for authentication.

Md. Atiqul Islam  
Date: 15-10-2020

## **2. A Low-cost Healthcare Bot for Elderly People**

2019 Joint 8th International Conference on Informatics, Electronics & Vision (ICIEV) and 2019 3rd International Conference on Imaging, Vision & Pattern Recognition (icIVPR)  
DOI: 10.1109/ICIEV.2019.8858567

## **SKILL:**

**Programming Languages:** C, C++, Java, SQL, Python

**Web:** PHP, HTML, CSS, MySQL

**Framework:** Flask, Django

**Packages:** MS Office (Word, Excel, PowerPoint), LaTeX

**Version Control:** GitHub

**Engineering Software:** Arduino, Raspberry Pi, Android Studio

**OS:** Windows Xp, 7, 8, 10, Linux (Debian, Ubuntu, Fedora)

**Research skill:** Creative, Critical thinking, Working independently or in a group, Well-disciplined, Data collection, Communication

## **EDUCATIONAL INFORMATION:**

Bachelor of Science (BSc) in Computer Science and Engineering (CSE)  
CGPA 2.3 (On a scale of 4.00) 2019  
North South University

Higher Secondary Certificate (HSC)  
GPA 3.5 (On a scale of 5.00) 2013  
Chuadanga Govt Collage, Chuadanga

Secondary School Certificate (SSC)  
GPA 4.75 (On a scale of 5.00) 2010  
VJ Govt High School, Chuadanga

## **PERSONAL INFORMATION:**

**Father Name:** Md. Aminul Islam

**Mother Name:** Dill Afroza Pervin

**Nationality:** Bangladeshi

**Date of Birth:** 27 September 1995

**Marital Status:** Single

**Blood Group:** B(+ve)