



## CONTACT ME AT

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## TECHNICAL SKILLS

Python, Java, C, C++, PHP  
HTML, CSS  
MySQL  
Windows, Linux  
Laravel, Bootstrap, Tensorflow,  
Pytorch, Vue.js, React.js  
Tableau

## CERTIFICATES

- Kaggle's Intro to Machine Learning
- Kaggle's Intermediate Machine Learning
- Kaggle's Computer Vision
- Kaggle's Intro to Game AI and Reinforcement Learning
- CareerFoundry's Data Analysis For Beginners

## REFERENCE

Dr. Riasat Khan  
Assistant Professor | North South University  
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# SAMIHA AKHTER

## WORK EXPERIENCE

### Project Manager

Immersion | January 2022 - May 2023

- Managed both the client and the in-house team (97+ members).
- Assigned, executed, and monitored 726+ projects and analyzed each project's risk.
- Developed and managed a detailed project schedule and workflow with the help of monday.com and frame.io and ensured all projects were delivered on time.
- Reported daily work performance of the team.
- Arranged meetings with the client and the team to take detailed briefs and clarify specific requirements.
- Solved issues raised by the client.

### Executive

Immersion | November 2021 - December 2021

- Oversaw daily operations and organized meetings.
- Evaluated the productivity and performance of the team.
- Checked the quality of each project.

## EDUCATIONAL HISTORY

### North South University, Dhaka

Bachelor of Science: Computer Science and Engineering | 2017-2021 |

CGPA: 3.43 out of 4

### BAF Shaheen College, Tejgaon, Dhaka

Higher Secondary Certificate: Science | 2016 | GPA: 5 out of 5

### Green Field School and College, Dhaka

Secondary School Certificate: Science | 2014 | GPA: 4.81 out of 5

## PROJECTS

### Deep Learning-Based Object Detection and Surrounding Environment Description for Visually Impaired People

Used Tensorflow API module and SSD MobileNet model trained in COCO dataset. It takes real-time video and gives audio feedback with the help of Google-Text-to-Speech, Pyaudio, and Speech Recognition.

### Cassava Leaf Disease Classification

Classification of four types of Cassava leaf disease and healthy Cassava leaf using Neural Network.

### Chatbot using NLP

Used Sequential model and LSTM trained in Deep NLP dataset to create a therapy chatbot that determines if the user needs immediate attention or not.

### Digital Thermometer using PIC Microcontroller

A digital thermometer using an LM35 sensor and a PIC microcontroller to measure room temperature.

### Online Platform for Tutors and Students

With the help of the Laravel framework and MySQL database made a tutor-seeking website.

## PUBLICATION

"Deep Learning-Based Object Detection and Surrounding Environment Description for Visually Impaired People", Heliyon, June 2023

## EXTRACURRICULAR ACTIVITY

### Member, North South University Art and Photography Club

2017-2019

### Event Organizer, Inter International University Photography Exhibition

2018

### Event Organizer, Intra NSU Art & Photography Exhibition

2018

### Volunteer, North South University 22nd Convocation

2019