

# Mohammad Rakibul Hasan Mahin

## Student

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### Education

#### Brac University

*Bachelor of Science in Computer Science and Engineering*

CGPA: 3.90

Credits Completed: 114

Sep 2019 – present

Dhaka, Bangladesh

#### Academia

*A' Levels*

Aug 2018 – Aug 2019

Dhaka, Bangladesh

#### Bangladesh International Tutorial

*O' Levels*

May 2016 – Aug 2017

Dhaka, Bangladesh

### Professional Experience

#### Web Development

Working on a personal project where gamers of different platform can share their experience, report bugs, request solutions to problems. There will be other features like commenting on post and lots more. (Django)

Sep 2022 – present

Dhaka, Bangladesh

#### Brac University

*Student Tutor*

CSE220 | Data Structures - (Spring, 2022)

CSE110 | Programming Language I - (Summer, 2022)

CSE110 | Programming Language I - (Fall, 2022)

Jan 2022 – present

Dhaka, Bangladesh

### Skills

Web Development (Django, MERN Stack)

Machine Learning / Deep Learning (Tensorflow, Keras, Open CV, ScikitLearn)

Database Management (MySQL, Mongo DB)

Web Scrapping (Selenium, BeautifulSoup)

Programming Language (Python, Java Script, JAVA, C#, go)

Data Analysis (Numpy, Pandas, Matplotlib, Plotly)

2D Game Development (Unity)

Robotics (Arduino)

## Publications

### Classifying Corn Leaf Diseases using Ensemble Learning with Dropout and Stochastic Depth Based Convolutional Networks

2023

*8th International Conference on Machine Learning Technologies (ICMLT), Stockholm, Sweden [Submitted]*

Authors: Md. Shamsul Rayhan Chy, **Mohammad Rakibul Hasan Mahin**, Md. Farhadul Islam, Md Sabbir Hossain, and Annajiat Alim Rasel

### Interpretable Disease Classification in Plant Leaves using Deep Convolutional Neural Networks

2022

*25th International Conference on Computer and Information Technology (ICCIT), Cox's Bazar, Bangladesh*

Authors: **Mohammad Rakibul Hasan Mahin**, Waheed Moonwar, Md. Shamsul Rayhan Chy, Fahim Faisal Rafi, Md. Fahim Shahriar, Dewan Ziaul Karim, Annajiat Alim Rasel

## Projects

### Kill Covid

2022

A game which uses your web camera of your computer to track your index finger, which is then used to kill viruses that pops out on to your screen. I have used: **Python**, **PyGame**, and **Open CV**

### GameVerse (BlogApp)

2022

This is a full stack website for gamers. Here gamers can create an account and create posts. Users can also comment on posts. I have used: **Python**, **Django**, and **MySQL**

### GameVerse (Ecom)

2022

This is an full stack ecommerce shop which sell gaming products like keyboard, mouse, headset, controller, console and others. Here customer can create an account and buy products. Customers can pay through PayPal. I have used: **Mongo DB**, **Express**, **React JS**, **Node JS**, and **Redux**

### Sorting Visualizer

2021

This shows complete step by step simulation of **Bubble Sort** algorithm. I have used: **Python**, and **Tkinter**

### Diabetes Prediction Using SVM

2020

This is a Machine Learning project, which used Support Vector Machine (SVM) to predict if a woman has diabetes or not. I have used: **Python**, **Scikit Learn**, **Numpy**, **Pandas** and **Matplotlib**

## Certificates

### Python (Basic)

HackerRank

### Java Programming: Complete Beginner to Advanced

Udemy

### Python For Beginners Course In-Depth

Udemy