

# SYED MD. IRFANUL ALAM

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## CAREER OBJECTIVE

- Interested in the role of a Data Scientist & Software Engineer where I can contribute my analytical skills and knowledge acquired by pursuing my degree in Computer Science. Looking for a dynamic and progressive company where my skills are utilized in the maximum way possible.

## WORK

Software Engineer

Codephilics

March 2020 – Present

Dhaka, Bangladesh

## PROJECTS

Face Mask Detection & Warning System

July 2020

- During the pandemic it is difficult to monitor every person entering in any industry or intuition. So we need an autonomous system which will notify any person who enters without mask. This project can be used for this purpose to detect unmasked person and warn them.
- Technologies - Keras, Tensorflow, CNN, Python, Jupyter Notebook.

Traffic Monitor App

April 2019

- This project is about to ensure safe road. By this android application a traffic police of any area can detect any driver who will exceed the speed limit of 40kph in front of Schools, Colleges, Universities, Hospitals and any other sensitive places.
- Technologies - Android Studio, Java, GPS, Google Firebase.

## PUBLICATIONS

Rice Leaf Disease Detection Using Machine Learning Techniques

October 2019

- To ensure healthy and proper growth of the rice plants it is essential to detect any disease in time and prior to applying required treatment to the affected plants. Since manual detection of diseases costs a large amount of time and labour, it is inevitably prudent to have an automated system. This project presents a rice leaf disease detection system using machine learning approaches.
- Technologies - Weka

## AREA OF INTEREST

Artificial Intelligence

Data Science

Software Engineer

Cyber Security

Cryptography

## TECHNICAL SKILLS

Machine Learning

Deep Learning

Data Analysis

Android & iOS App Development

Linux Operating Systems

Git

## PERSONAL SKILLS

Critical Thinking

Leadership

Team Work

Public Speaking

Communication

Adaptability

## LANGUAGES

Python

JavaScript

Dart

Java

C++

C

## EDUCATION

BSc in Computer Science

North South University, Dhaka

January 2015 – April 2020

## CERTIFICATIONS

Charter Member of NSU Toastmasters International

Toastmasters International

February 2018    Santa Ana, California, US