

# 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

Associate Software Engineer

Codephilics

March 2020 – Present

Dhaka, Bangladesh

## PROJECTS

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 by tracking through GPS.  
Technologies - Android Studio, Java, GPS, Google Firebase.

Machine Overheat Detection

November 2018

- This project can be used in places like factories or industries consisting of big machines where it is very necessary to take some action in case the machine gets overheated. Because in open eyes we don't get it if our machines are over heated or not. As machine needs not to be over tempered to work efficiently.  
Technologies - Arduino UNO, Temperature Sensor, Bluetooth Module, Android.

## 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

Data Science    Machine Learning  
Software Engineer    Cyber Security  
Cryptography

## TECHNICAL SKILLS

Jupyter Notebook    Google Colab  
Linux Operating Systems    Git  
Trello    Firebase    Excel    Weka  
Android App Development  
iOS App Development    Web Development

## PERSONAL SKILLS

Critical Thinking    Leadership    Team Work  
Public Speaking    Communication  
Adaptability

## LANGUAGES

Python  
JavaScript  
Dart  
Java  
C++  
C

## EDUCATION

BSc in Computer Science & Engineering

North South University, Dhaka

January 2015 – April 2020

## CERTIFICATIONS

Charter Member of North South University Toastmasters International

Toastmasters International

February 2018

Santa Ana, California, US