Syed Md. Irfanul Alam

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CAREER INTEREST

Seeking a role in **Software Engineering** where I can contribute my analytical skills and knowledge. Looking for a progressive company where my skills will be utilized in the maximum way possible.

EDUCATION

NORTH SOUTH UNIVERSITY   *January 2015 - April 2020 / Bashundhara RA, Dhaka*
· **Bachelor of Science in Computer Science & Engineering**, **Specialized Trail -** Artificial Intelligence

BANGLADESH NAVY COLLEGE   *July 2012 - June 2014 / Sailors Colony-1, Bandar, Chittagong*
· **Higher Secondary School Certificate [HSC]**, **Group -** Science

NASIRABAD GOVT. HIGH SCHOOL   *January 2010 - March 2012 / East Nasirabad, Chittagong*
· **Secondary School Certificate [SSC]**, **Group -** Science

EXPERIENCE

CODEPHILICS, SOFTWARE ENGINEER   *March 2020 - September 2020 / Bashundhara RA, Dhaka*
· As a Software Engineer, I was responsible for working in **Machine Learning** & **Mobile App Development**.

EXTRACURRICULAR ACTIVITY

TOASTMASTERS INTERNATIONAL, OFFICIAL MEMBER   *May 2017 - February 2018 / Bashundhara RA, Dhaka*
· During the membership, I have participated in **public speaking** contests and developed my **communication skills**.

PROJECTS

TRAFFIC MONITOR APP   *April 2019 / CSE 299 Junior Project Design*
· **Technologies -** Android Studio, Java, GPS, Google Firebase.
· This project is about to ensure safe road. By this app 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.

MACHINE OVERHEAT DETECTION AND WARNING SYSTEM   *November 2018 / CSE 323 Operating Systems Design*
· **Technologies -** Arduino UNO, C++, Android.
· This project can be used in places like factories consist of big machines where it is very necessary to take some action in case the machine is overheated. Because in open eyes we don't get it if machines are over heated or not.

SKILLS

PROGRAMMING LANGUAGES	Python, Javascript, Java, R, C++, C
SOFTWARE DEVELOPMENT	GIT, CLI, OOP, Visual Studio Code, Agile Methodology
FRAMEWORKS & LIBRARIES	Jupyter, Matplotlib, Numpy, Pandas, TuriCreate, Tensorflow, Beautiful Soup
MOBILE APP DEVELOPMENT	Dart, Flutter, Android Studio
OPERATING SYSTEMS	Linux, Windows
TOOLS & PLATFORMS	Anaconda, PyCharm, RStudio, LaTeX, SQL, MS Office (Word, Excel, PowerPoint), Arduino
PERSONAL SKILLS	Critical Thinking, Team Work, Adaptability, Research, Planning & Organizing
LANGUAGES	*Native:* Bangla *Fluent:* English

PUBLICATION

· Rice Leaf Disease Detection Using Machine Learning Techniques, International Conference on Sustainable Technologies for Industry 4.0 (STI, 2019, IEEE), Dhaka, Bangladesh

CERTIFICATIONS

· **MACHINE LEARNING FOUNDATIONS [BY UNIVERSITY OF WASHINGTON]**   *June 2020 / Coursera*
· **TECHNICAL SUPPORT FUNDAMENTALS [BY GOOGLE]**   *May 2020 / Coursera*
· **NEURAL NETWORKS & DEEP LEARNING [BY DEEPLEARNING.AI]**   *April 2020 / Coursera*