

Curriculum Vitae

Md Ruhul Amin

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OBJECTIVE

I am well confident with my analytical decision-making approach. I express myself as a self-learner as well as I can learn new things as required. My proficiency in using internet resources and my analytical skills help me solve my technical problems. I am learning advanced data analysis using python. I worked with software tools and hardware tools, which makes me think about advancing the software industry. I am developing myself for data analysis and other branches of machine learning.

EDUCATION

B.Sc in Computer Science & Engineering

North South University, Dhaka

Passing Year: 2020

Result: **CGPA-3.03 out of 4**

Capastone Project: Entitled as "An IOT-based smart agriculture system with locust prevention and data prediction"

H. S. C (Discipline: Science)

Cambrian College, Dhaka

Passing Year: 2014

Result: **GPA- 5 out of 5**

S. S. C (Discipline: Science)

Armanitola GOVT. High School

Passing Year: 2012

Result: **GPA-4.31 out of 5**

Work Experience

Platform Organization (2018-2020)

I was one of the co-founders of this tech-based business. My responsibility was to manage the codes of the android application. In addition, I also analyze the requirement of our application.

ADDITIONAL SKILL

Computer Skills: Programming language – C, C++, Python, Java for Android development, PHP, HTML, CSS, JavaScript
Data analysis & visualization with python on jupyter notebook/google colab
Simulating Software- Proteus,
Hardware: Arduino UNO, RaspberryPI, Nodemcu
Project management: Trello, Github
Database: MySql, Sqlite-3, Firebase
Cloud Server: Digital Ocean, Sky Silk
Framework: Django, Android Studio
Version Control: Github, Git

Language Skills: Bangla - Mother's tongue
English - Fluent

CERTIFICATION & PROJECTS

Coursera: Introduction to machine learning in python

Link: <https://www.coursera.org/account/accomplishments/certificate/3VWZN6CZCR7L>

Projects

- Hotel Management with c – a console application
- Hotel Management with java – a minimal application with GUI
- Campus News portal with PHP, HTML, JavaScript
- Encryption-with-k-map-using-Arduino
- Platform(Service based Android App)-self startup using java, PHP, JSON, cloud server
- 20 bits MIPS architecture using Logism
- AN IOT-BASED SMART AGRICULTURE SYSTEM WITH LOCUST PREVENTION AND DATA PREDICTION
- Temperature prediction using SVM(ML) from resberryPI and DHT-11 temperature sensor data
- Hotel Booking Prediction using python
- Predict status of Chronic kidney disease using python

ACTIVITIES AND INTERESTS

- **We4poor:** A Facebook-based volunteer organization. We come forward when any disaster takes place in Bangladesh. I am a core member & admin of this organization.
Page Link: <https://www.facebook.com/we4poor>
- **Blood Donor Club:** A Facebook group based organization for donating blood. We have enlisted the donor through a google form and google slide. Here I am the moderator of the group and maintain the donor's database.
Group Link: <https://www.facebook.com/groups/1868557176751598>
- **Data Analysis/ Machine Learning:** As a computer science & engineering student, I am also interested in data analysis and machine learning. So I am doing some online courses to fulfil my curiosity.

PERSONAL INFORMATION

Full Name	: Md Ruhul Amin
Father's Name	: Md Nurul Islam
Mother's Name	: Rabeya Khatun
Date of Birth	: 28-02-1996
Place of Birth	: Dhaka, Bangladesh
Gender	: Male
Permanent Address	: Abdullahpur, South Keraniganj, Dhaka-1311
Marital Status	: Married
Nationality	: Bangladeshi

REFERENCES

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