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 my self 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, RespberryPI, 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

Udemy: Machine Learning Real World Projects in Python
Link: https://ruhulamin005.github.io/udemy%203%20project.jpg

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
- ➢ Covid-19 Data Analysis

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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