



Arifuzzaman MUNAF

Ganderia, Dhaka | 01521437328
arifuzzamanmunaf@gmail.com

[github](#) | [linkedin](#)

CAREER OBJECTIVE

To pursue careers with an organization or institution that provides a continuous good environment in which I may learn technological advances and put them into practice for the betterment of the organization.

EDUCATION

BRAC UNIVERSITY | DHAKA

April 2017 - Jun 2021

BSC. IN COMPUTER SCIENCE

- CGPA: 3.75/4.00

NOTRE DAME COLLEGE | DHAKA

June 2014 - April 2016

HIGHER SECONDARY CERTIFICATE (HSC)

- GPA: 5.00/5.00
- Perfect Attendance Award

DHAKA COLLEGIATE SCHOOL | DHAKA

January 2012 - February 2014

SECONDARY SCHOOL CERTIFICATE (SSC)

- GPA: 5.00/5.00

EXPERIENCE

ACADEMIC CHIEF AND COURSE COORDINATOR

October 2019 - April 2021

TORONTO SCIENCE ACADEMY | DHAKA

- Reported on academic and institutional data with regular reports and using the information for making decision.
- Provide support and guidance to academic trainees.
- Assist in updating lesson content and development of training modules and programs..

LECTURER

February 2018 - April 2021

TORONTO SCIENCE ACADEMY | DHAKA

- Academic: Class 10 -12 (Mathematics, ICT)
- Non-academic: several courses (Programming Language,Basic Web Development, Excels)

SKILLS

PROGRAMMING LANGUAGES	• Experienced: Python C++ JavaScript • Familiar: R Java
WEB DEVELOPMENT	HTML CSS Bootstrap Django Nodejs
FRAMEWORKS & LIBRARIES	TensorFlow Matplotlib Numpy Pandas Scikit-learn Seaborn
TESTING/AUTOMATION	Selenium Pytest OpenPyxl
COMMAND LINE INTERFACE	Windows Ubuntu
OTHERS	GitHub LaTeX
LANGUAGE	Bengali English

RESEARCH INTEREST

Machine Learning | Neural Networks | Web Programming and Development

RESEARCH WORK

DENSENET BASED SKIN LESION CLASSIFICATION AND MELANOMA DETECTION

Supervisor :Dr. Md. Golam Rabiul Alam

CSE400-THESIS | BRAC UNIVERSITY

2020-21

- Model Used : DenseNet121
- Skin lesion classification of 8 different classes with better performance compared to existing models.
- Higher predictability rate of melanoma detection compared to traditional Dermoscopic test.

ACADEMIC PROJECTS

CONVEX HULL AND CO-LINEAR POINTS IDENTIFICATION USING GRAHAM SCAN

2021

CSE426-ADVANCED ALGORITHM, BRAC UNIVERSITY

- Language Used : Python
- Applications of Graham Scan Algorithm(Co-linearity)
- Link : <https://github.com/Arifuzzaman-Munaf/Graham-Scan.git>

BINARY MULTIPLICATION AND DECIMAL TO IEEE FLOATING POINT CONVERSION

2021

CSE340-COMPUTER ARCHITECTURE, BRAC UNIVERSITY

- Different Methods of Binary Multiplication and Concept of IEEE Floating Point Conversion
- Language Used : Python
- Link : <https://github.com/Arifuzzaman-Munaf/Binary-property.git>

INFORMATION SECURITY ALGORITHMS

2021

CSE490-INFORMATION SECURITY, BRAC UNIVERSITY

- Implemented algorithms like A5/1 , RSA , Knapsack and Elliptic Curve Cryptography
- Knapsack and RSA Encryption Algorithm : <https://github.com/Arifuzzaman-Munaf/Knapsack-and-RSA.git>
- A5/1 Algorithm : <https://github.com/Arifuzzaman-Munaf/A5-1-Algorithm-Implementation.git>
- Elliptic Curve Cryptography : <https://github.com/Arifuzzaman-Munaf/Elliptic-Curve-Cryptography.git>

LINE FOLLOWER USING LOGIC GATES

2019

CSE260-DIGITAL LOGIC DESIGN, BRAC UNIVERSITY

- Hardware : Logic Gates : X-OR , NOT , AND , OR , NOR , 4 INVERTERS, 9V Batteries , IR Sensors

PROGRAMMING SKILL

- [HackerRank](#)
- [URI Online Judge](#)
- [Vjudge](#)

EXTRA CURRICULAR ACTIVITIES

STUDENT VOLUNTEER, SPRING 2019 ORIENTATION PROGRAM

2019

BRAC UNIVERSITY LEADERSHIP DEVELOPMENT FORUM | BULDF

JUNIOR PROGRAMMING OFFICER

June 2015 - December 2015

NOTRE DAME DEBATING CLUB | NDDC

REFERENCES

Dr. Md. Golam Rabiul Alam

Associate Professor

Department of Computer Science and Engineering ,
BRAC University, Dhaka 1212, Bangladesh

Office - +880-9617445063 Ext. 5063

Email - rabiul.alam@bracu.ac.bd

Dr. Muhammad Iqbal Hossain

Assistant Professor

Department of Computer Science and Engineering ,
BRAC University, Dhaka 1212, Bangladesh

Office: +880-9617445122 Ext. 5122

Email - iqbal.hossain@bracu.ac.bd