

Md. Nafiz Ishtiaque Mahee

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EDUCATION

Bachelor of Science (B.Sc.) in Computer Science and Engineering

2018-2022

BRAC University, Dhaka, Bangladesh

Phone: 02222-264051

Email: info@bracu.ac.bd, registrar@bracu.ac.bd

- CGPA: 3.89/4.00

B. Sc. Thesis:

- Design and Evaluation of Convolutional Neural Network for Detection of Alzheimer's Disease Using MRI Data

Supervised by: Dr Mohammad Zavid Parvez, Assistant Professor, Dept. of CSE, BRAC University

RESEARCH INTEREST

Artificial intelligence | Computer Vision | Machine learning | Cyber Security

PUBLICATIONS

- Mahbub, R., Azim, M. A., **Mahee, N. I.**, Sanjid, Z. I., Reza, K. M., & Parvez, M. Z. (2021, December). Neural Network Architecture for the Classification of Alzheimer's Disease from Brain MRI. In TENCON 2021-2021 IEEE Region 10 Conference (TENCON) (pp. 693-697). IEEE.
- Mehedi Hasan, A. B. M., **Mahee, M. N. I.**, & Sanin, C. (2022, October). Set of Experience Knowledge Structure (SOEKS) and Decisional DNA (DDNA)—A Review. In Conference on Innovative Technologies in Intelligent Systems and Industrial Applications (pp. 925-935). Cham: Springer Nature Switzerland.

PROFESSIONAL EXPERIENCE

- **Lecturer** **January 2024-Present**
Dhaka, Bangladesh
BRAC University
Tel: +88 09638464646
www.bracu.ac.bd
→ Teaching students programming language and OOP courses.
→ Conducting Lab Sessions.
- **Associate Software Developer** **January 2022-July 2023**
Dhaka, Bangladesh
IQVIA Inc
Phone: 157-0011(Bangladesh), 1 866 267 4479(US)
www.iqvia.com/contact
→ Worked on Data analysis and ETL process
→ Worked on analytics projects using Qlikview, QlikSense, SSIS, SQL and other BI tools
- **Subject Matter Expert** **July 2021 – January 2022**
Dhaka, Bangladesh
Shikho Technologies Bangladesh Limited
Mobile: +880 9638-113399
Email: team@shikho.com
→ Creating and teaching academic contents for students of SSC and HSC level students

→Script Writing for academic contents

- **Student Tutor**

BRAC University

Tel: +88 09638464646

www.bracu.ac.bd

→Teaching students about computer interface, discrete mathematics

→Grading Assignments and helping Faculties in both theory and lab classes

October 2021 – May 2022

Dhaka, Bangladesh

AWARDS AND SCHOLARSHIPS

- **VC's List Award:** Academic Honor by BRAC University, for attaining a GPA of at least 3.9 in a semester (Achieved 5 times)
- **Dean's List Award:** Academic Honor by BRAC University, for attaining a GPA of 3.75-3.9 in a semester (Achieved 3 times)
- **University Merit Scholarship:** Academic Honor by BRAC University, for academic excellence at undergraduate study
- **University Stipend:** Scholarship provided by BRAC University for academic excellence
- **IEEE Achievement:** winner of the Review on papers subcategory under the contests of the academic category during Unification Competition 2020

COURSES TAUGHT

- **Object-oriented programming**
 - Teaching students in lab about the concepts of Object-oriented programming.
- **Programming Language**
 - Teaching students in lab about the introduction to programming Language and computer science.
- **Computer Interfacing**
 - Taught students interface components and their characteristics, microprocessor I/O as “Student Tutor” helped them regarding assignments and lab.
- **Discrete Mathematics**
 - Taught students Boolean algebra, binary relations, functions, discrete probability as ST and helped them regarding assignment.

TECHNICAL SKILLS

- **Programming Language:** Python, Java, C++, Verilog HDL, Assembly Language (8086), Microcontroller Programming
- **BI Tools:** Power BI, QlikSense, QlikView
- **Document Preparation and Illustration:** MS Office, LaTeX
- **Others:** MySQL, Proteus Design Suite, Webots

ACADEMIC PROJECTS

- Design and implement mini “hangman” game
- Design and implement “Anti-theft system”
- Design and implement “Smart Home System” in Arduino
- Design and implement Line Following Robot
- Design and implement “Electricity Bill Management” system in Java