

Md. Nafiz Ishtiaque Mahee

Adjunct Lecturer, Department of Computer Science & Engineering, BRAC University, Bangladesh.

Address: 132, Shaheed Smriti School Road, Tongi, Gazipur- 1710, Bangladesh

Phone No: +880 1856470075, +8801536121263

Email: md.nafiz.ishtiaque.mahee@g.bracu.ac.bd

Website: <https://nafizmahee.github.io/>

[Linkedin](#) [ResearchGate](#)

Educational Qualifications

- **Bachelor of Science (B.Sc.) in Computer Science and Engineering**, Department of Computer Science and Engineering, BRAC University, Dhaka, Bangladesh **2018 - 2022**
 - *CGPA 3.89 out of 4*
 - Graduated with **Highest Distinction**
- B. Sc. Thesis:
 - Design and Evaluation of Convolutional Neural Network for Detection of Alzheimer's Disease Using MRI Data

Job Experience

- **Lecturer - BRAC University, Dhaka, Bangladesh** **January, 2024 - Present**
Department: Computer Science and Engineering
Conducted Courses: Programming Language, OOP, Algorithm, Introduction to Computer Science, Software engineering
- **Associate Software Developer - IQVIA, Dhaka, Bangladesh** **January 2022 - July 2023**
Responsibilities:
 - Worked on Data analysis and ETL process
 - Worked on analytics projects using Qlikview, QlikSense, SSIS, SQL and other BI tools
- **Subject Matter Expert - Shikho, Dhaka, Bangladesh** **July 2021 - January 2022**
Responsibilities:
 - Creating and teaching academic contents for students of grade 9-12
 - Script Writing for academic contents
- **Student Tutor - BRAC University, Dhaka, Bangladesh** **October 2021 - May 2022**
Department: Computer Science and Engineering
Conducted Courses: Computer Interfacing, Discrete Mathematics

Research Publications

- **Journal**
 - Md. Zubair, **Md. Nafiz Ishtiaque Mahee**, Khondaker Masfiq Reza, Md. Shahidul Salim, and Nasim Ahmed(2024). Climate Data Dynamics: A High-Volume Real World Structured Weather Dataset. Journal: **Data in Brief**. (*IF=1, CiteScore=3.1*). (Under Review)

- **Conference**

- 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

Research Projects and Interests

- Navigation system for visually impaired people (Ongoing)
- Computer Vision, Artificial intelligence, Machine learning

AWARDS AND SCHOLARSHIPS

- **Completed Bachelor’s with Highest Distinction:** Awarded to graduates whose CGPA is 3.80 or higher.
- **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. A scholarship was provided on the tuition fees
- **IEEE Achivement:** winner of the Review on papers subcategory under the contests of the academic category during Unification Competition 2020

Software and Programming Language Skills

- Python,(TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib), Java, C and C++
- LaTeX
- Power BI, QlikSense, QlikView
- HTML, CSS
- Proteus Design Suite, Webots,Mathematica

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