

# M.A. DIGANTA

461, South Monipur, Mirpur, Dhaka-1216.

+8801748993181 | m.a.diganta01@gmail.com | m-a-diganta | m-a-Diganta/

## Education

### BRAC University

BSc in Computer Science & Engineering

Cum. GPA 3.83

**Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Artificial Intelligence, Data Science.

Dhaka, Bangladesh

Jan 2020 - Dec 2023

### Dhaka College

Higher Secondary Certificate (HSC)

GPA 5.00

Dhaka, Bangladesh

2019 | Science

### Monipur High School & College

Secondary School Certificate (SSC)

GPA 5.00

Dhaka, Bangladesh

2017 | Science

## Experience

### BRAC University

Student Tutor

- Served as a Student Tutor in the course **Programming Language** for four consecutive semesters.
- Provided essential support to faculty during lab sessions by offering guidance and assistance to students.
- Mentored numerous students in their course-related studies, offering consultations and problem-solving sessions.

Dhaka, Bangladesh

Sep 2022 - Dec 2023

### GameQart (Online Store)

Co-Founder / CTO

- Initiated and propelled the startup alongside a team of three friends.
- Spearheaded technical operations and oversaw product management, website maintenance, and page upkeep.

Dhaka, Bangladesh

2019 - 2022

## Projects and Thesis Works

**Thesis:** Automated Detection of Malignant Lesions in the Ovary Using Deep Learning Models and XAI.

- Developed an automated detection system using CNN models to detect ovarian cancer.
- Conducted a comparative analysis of XAI models, including LIME, SHAP, and Integrated Gradients.

### E-Library System

- Made with PHP, HTML, CSS & XAMPP(MySQL, Apache).

### Online Pharmacy with Inventory Checker

- Created a search-enabled e-commerce website model for pharmaceuticals, utilizing Django, HTML, and CSS.

## Skills

**Programming** Python, Javascript, Typescript, C, PHP

**Development** HTML, CSS, TailwindCSS

**Framework** ReactJS, Django

**Additional Skills** MySQL, Machine Learning, AI, Git

## Language Proficiency

**English** IELTS Academic Test [2024] - Overall Band 7.5

**Bengali** Native speaker

## References

### Md. Saiful Islam

Senior Lecturer (Thesis Supervisor)

BRAC University

Email: md.saiful.islam@bracu.ac.bd

### Mr. Dibyo Fabian Dofadar

Lecturer

BRAC University

Email: fabian.dofadar@bracu.ac.bd