SHAKIB IZAZ MAHMUD

LinkedIn | +880 1886-604213 | imahmud98.github.io | smahmudcs@gmail.com | GitHub

Academic Credentials

BSc in Computer Science	<u>Brac University</u>	*CGPA 3.14/4.00*	**01/2017 - 01/2022**
Higher Secondary School Certificate	<u>Dhaka Residential Model College</u>	*GPA 4.67/5.00*	**2016**
Secondary School Certificate	<u>Dhaka Residential Model College</u>	*GPA 5.00/5.00*	**2014**

Standardized Test Scores

Test of [International English Language Testing System (IELTS)](#) –   **Appeared on 20 April 23**

Total	Listening	Reading	Writing	Speaking
7.0	7.5	8.0	6.0	6.5

Research Interest

- **BRACU**

Research Experience

- **Undergraduate Thesis Research:** [A Color vision Approach Considering Reflection Coefficient Based on Autoencoder Techniques using Deep Neural Networks.](#)

We developed a research way to detect objects based on reflection coefficient and various forms of data. We created the data under diverse settings to train various types of computer vision models during the research. Our main goal is to overcome the challenge of automatic vehicles distinguishing various objects. Currently working on it for more enhancement.

Skills

- **Programming Language:** Python | Java • **Project Management Tool:** Jira • **Web Programming:** HTML | CSS

- **Automation Framework:** Selenium | Appium • **Database:** MySQL • **Version Control:** Git

- **Operating System:** Windows • **Artificial Intelligence:** Deep Neural Networks

- **Documentation Tools:** MS Office • **Illustration:** Overleaf Pro | LaTeX

Courses Completed

- [**Backend Engineering with Python**](#): Successful completion of the course "Backend Engineering with Python" organized by **Tecognize Training**.

- [**Animated Film Making Training**](#): Successful completion of the course "Animated Film Making Training" organized by **Residential Campus, Brac University**.

Experience

| **SQA Engineer** | **Brown Mafia** | *Dhaka, Bangladesh* | **01/2023 - Current** |

• Recognizing user needs and identifying various errors of the websites of the client's projects.

• Designed the entire development process of test case creation, report generation, and bug reporting.

| **Home Tutor** | **Part-time** | *Dhaka, Bangladesh* | **02/2022 - Current** |

• Teaching students of grade 11 and 12 to improve their academic performance and to prepare them for entrance exams of college and universities.

| **Software Tester Intern** | **Samsung R&D Institute BD** | *Dhaka, Bangladesh* | **05/2022 - 11/2022** |

• Executing various types of test strategies like Sanity, Tree, User compatibility, Long run etcetera test.

• Worked on various projects like Wearable Manager (Mobile App), Samsung Notes etc.

• Proficient in agile, cross-functional collaboration, methodologies, adapting to dynamic requirements for efficient results.

Projects

• **Full Featured Blog Application:**(*Go, Gin, MongoDB, Redis, React*)**:** *Utilized* the fast and efficient Go language for the backend and MongoDB as a NoSQL database to develop an intuitive time-tracking software. It's a feature-rich software that generates comprehensive reports, providing valuable insights into team productivity and maximizing business efficiency and profitability.

• **Electronic Bill Management System:**(*Go, Gin, MongoDB, Redis, React*)**:** *Utilized* the fast and efficient Go language for the backend and MongoDB as a NoSQL database to develop an intuitive time-tracking software. It's a feature-rich software that generates comprehensive reports, providing valuable insights into team productivity and maximizing business efficiency and profitability.

Academic Awards & Honors

• Appeared on VC's list for extraordinary result in undergraduate semester Spring 2021.

• Awarded for successful completion of Battalion BTE- 01 camp of **Bangladesh National Cadet Cadet Corps (BNCC).**

• Actively participated and led the project of Animated Film Making Training organized by **Residential Campus, Brac University**.

• **Bangladesh National Cadet Cadet Corps (BNCC)** scholarship for outstanding results in Secondary School Certificate (SSC) examination.

• Class representative of CS2017 batch in Brac University.

• Class representative for consecutive four years in high school.

Reference(s)

• **Md. Ashraful Alam, PhD**	• **Madan Mahan Paul**
Assistant Professor	**Principle Software Engineer**
Department of Computer Science & Engineering	**Quality Experience Group**
Brac University, Dhaka, Bangladesh	**Samsung R&D Institute Bangladesh**
Email: ashraful.alam@bracu.ac.bd	**Email: m.mahan@samsung.com**