Nayem-Ul-Islam

Computer Science Engineer · Dreamer · Sports Lover

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Education

BRAC University, Bachelor of Science in Computer Science and Engineering	CGPA : 3.27	Jan. 2017 - May 2021		*Dhaka*
Notre Dame College, Higher Secondary School Certificate	GPA : 5.00	July 2014 - Apr. 2016		*Dhaka*
President Professor Dr. Iajuddin Ahmed Residential Model School & College, Secondary School Certificate	GPA : 5.00	Jan. 2008 - Apr. 2014		*Munshiganj*

Technical Skills

Programming Languages	Java, Python
Other Languages	HTML5, CSS3, MATLAB, Mathematica, LaTeX, x86 Assembly, Verilog, MySQL
Software & Tools	Git, Arduino, Microwind, PSpice, emu8086, LabVIEW,
General Software	Microsoft Word, Microsoft PowerPoint, Wondershare Filmora, Microsoft Excel

Experience

IoT Based Road Accident Controlling Model Using Wireless Body Area Network & GPS. — *BRAC University*

Undergraduate Thesis — *Jan. 2020 - Jan. 2021*

- IoT
- Wireless Body Area Network

BUCC Academy Fall'20 — *BRAC University Computer Club*

Instructor — *Sep. 2020 - Dec. 2020*

- Integral Calculus
- Differential Equations

Projects

National Citizen Database Management System — *BRAC University*

Database System | 3 member team — *Jan. 2019 - Apr. 2019*

- HTML5 & CSS3
- PHP

Airline Management System — *BRAC University*

Software Engineering| Single member| ⌨ Airline-Management-System — *Sep. 2020 - Dec. 2020*

- Java Based Project
- MVC Pattern & Unit Testing

Maze Solver and Android based Bluetooth Controlled Robot — *BRAC University*

Digital System Design| 4 member team — *Sep. 2020 - Dec. 2020*

- Hardware Based Project
- MIT App Inventor

Hospital Management System

Software Engineering| Single member| ⌨ Hospital Management System — *December 2020*

- Java Based Project
- Management System

My Website

Website Design| Single member| ⌨ My Website — *June 2021*

- HTML5 & CSS3
- Bootstrap 5

First Website From Zero

Website Design| Single member| ⌨ First Website From Zero — *June 2021*

- HTML5
- CSS3

Key Courses

Computer Science & Engineering Department	WAN Routing and Technologies, Artificial Intelligence, Data Structures, Algorithm, Object Oriented Programming, Computer Graphics, Operating Systems, Compiler Design, Database Systems, Software Engineering, System Analysis & Design, Computer Networks, Data Communication.
Electrical & Electronics Engineering Department	Electronic Devices & Circuits, Digital Electronics & Pulse Techniques, VLSI Design.
Mathematics & Natural Science Department	Elements of Statistics & Probability, Modern Probability Theory & Stochastic Processes.
Bachelor Business Administration Department	Financial Accounting, Introduction to Business, Principles of Management.

Awards & Participation

2020	**Participant,** NASA Space Apps COVID-19 Challenge	*BASIS Student's Forum*
2020	**Participant,** Training	*Creative IT Institute*
2019	**Participant,** Workshop On OpenStack Cloud	*OpenStack Bangladesh*
2019	**Volunteer,** BRACATHON 3.0	*BRAC*
2019	**Volunteer,** Intra University Programming Contest Spring 2019	*BRAC University Computer Club & Department of Computer Science & Engineering*
2018	**Top 10.1%,** INFIX	*IABC, BRAC University*
2017	**Participant,** Basics of Physical Exercise	*BRAC University*
2016	**Perfect Attendance,** Notre Dame College	*Notre Dame College*
2009	**Participant,** Daylong Workshop on Debate	*PPIMSC Debating Club*

Positions of Responsibility

Sep. 2018 - July 2020	**Co-Convener,** BASIS Student's Forum BRACU Chapter	*Dhaka, Bangladesh*
Apr. 2017 - July 2020	**Director of Event Management Department,** BRAC University Computer Club	*Dhaka, Bangladesh*
Jan. 2018 - Apr. 2019	**Secretary of Event Management Department,** BRAC University MONON	*Dhaka, Bangladesh*
July 2014 - Apr. 2016	**General Member,** Notre Dame Chess Club	*Dhaka, Bangladesh*