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Date of Birth : 30th December 1999
Passport No. :
Place of study : North South University
Current location : Dhaka, Bangladesh
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CAREER OBJECTIVE

Energetic computer science graduate with a strong foundation in software development, adept at designing, developing, and optimizing applications across diverse domains. I have both theoretical and practical expertise in programming, algorithms, database management, embedded systems, machine learning, artificial intelligence and more. Through academic projects, I developed technical skills in software development, debugging, and system optimization, strengthening my problem-solving abilities and confidence. My passion for learning drives me to excel in both individual and team environments, refining my communication, analytical thinking, and leadership skills. Proficient in programming languages such as Python, Java, and C++, I also have experience with tools like MS Office, Git, Overleaf, and SQL. I seek a challenging role in a reputable organization to further enhance my knowledge and expertise.

EDUCATIONS

Education Level	Institute	Period of Study
Bachelor of Computer Science and Engineering	North South University	2019 – 2024
Higher Secondary Certificate	Major General Mahmudul Hasan Adarsha College Bangladesh	2015 – 2017
Secondary School Certificate	Bindubasini Govt. Boys' High School Bangladesh	2010 – 2015

EXTRACURRICULAR ACTIVITIES

EVENTS	ROLE IN THE EVENT
ACM Student Chapter, North South University	General Member
North South University Problem Solver	General Member
North South University R&D	General Member

EXTRACURRICULAR ACTIVITIES

Computing Skills	
Software Tools	MS Office Suite, GitHub, Multisim, Proteus, AutoCAD, Illustrator, SketchUp, Filmora Video editor, Xampp, Jupyter Notebook, LaTeX, Android Studio.
Operating Systems	Windows, Linux & macOS

Programming Skills	
Programming Languages	Python, Java, C++, C, JavaScript, HTML, CSS, SQL, XML & Firebase
Programming Software	Arduino IDE, STM32cubeIDE

Skills in Designing and Programming Hardware	
Processors	Arduino, STM32, ARM & ESP32
Mechanism	Designing the mechanics, electronics and Programming & Firmware Development
Electronics	Designing

Other Skills	
Social Capabilities	Leadership, multitasking, communication, presentation, and fluency in the English language.

Other Engineering Skills	Windows OS setup, Mechanical fabrication, SOLIDWORK design, data analysis and proficiency in using Mechanical instruments.
Languages	Bengali English

RELEVANT COURSES TAKEN

- Discrete Mathematics
- Database Management System
- Software Engineering
- Operating Systems Design
- Engineering Drawing
- Computer Organization & Architecture
- Design and Analysis of Algorithm
- Data Structure and Algorithm
- Analog Electronics
- Microprocessor Interfacing & Embedded System
- Artificial Intelligence
- Machine Learning
- Engineering Mathematics
- Modeling and Simulation
- Engineering Economics and Management

PROFESSIONAL SKILL COURSES

COURSES	DATE	INSTITUTION
Programming and Coding Proficiency	09/05/2020	North South University
Engineering Drawing	28/02/2020	North South University
Problem Solving and Analytical	15/05/2021	North South University
Web Development	05/15/2022	North South University
Artificial Intelligence and Machine Learning	22/10/2024	North South University
Embedded Systems Programming	20/06/2023	North South University

LIST OF PROJECTS

PROJECT TITLE	DURATION
[Bachelor's degree Thesis] - Hypergraph Models of Molecular Interaction Networks	02/2023 - 12/2024
Fuel Dispenser Firmware Development for Blue Sky	03/2024 - 11/2024
Laptop Price Prediction Using Machine Learning	02/2024 - 06/2024
Depth Measuring Device using Microcontroller Interfacing	03/2022 - 06/2024
Internet Service Provider Business Management System	04/2022 - 07/2022
Android Application for Student Communication	06/2023 - 10/2023
Library Management System	03/2021 - 07/2021
ATM Booth Management Simulation	05/2020 - 09/2020
Smart Door Lock System with Face Recognition Method using the Linux	04/2023 - 08/2023

POSITIONS HELD

ACM Student Chapter	
POSITION	General Member (7th May 2021 to 31st December 2022) Probationary Member (2st February 2021 to 7th May 2021) Member of Technical Team (8th July 2022 to 30th September 2022)

NSUPS	
POSITION	General Member (15th October 2021 to 15th October 2022)