

Bijoya Ghosh

Computer Science and Engineering
Military Institute of Science and Technology

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EDUCATION

- **Military Institute of Science and Technology(MIST)** *February 2020 - March 2024*
BSc in CSE: CGPA 3.62 out of 4.00
- **Govt. Huseyn Shaheed Suhrawardy College, Magura** *2019*
Higher Secondary School Certificate: GPA 5.00 out of 5.00

EXPERIENCE

- **Intern at Bangladesh Computer Council** *January 2023 - February 2023*
ICT Division Dhaka

PERSONAL PROJECTS

- **A Deep Learning-Based Stacking Approach for Skin Allergy Classification**
Classify four different types of skin allergies from the patient's image
* Language/Tools: ML, Google Colaboratory
- **Midnight Fantasy**
An Animation Based Project
* Language/Tools: Blender
- **Assessing The Usability of Existing Vending Machines and Proposing an Intuitive Design Solution**
Human-Computer Interaction(HCI) based project to design a vending machine suitable for normal and disabled users
* Language/Tools: Overleaf, Draw.io
- **An IoT-based Farmer Assistive System**
Integrated Design Project(IDP) for automated irrigation and fertilization
* Language/Tools: Dart, Framework- Flutter, UI Design-Figma
- **MIST Reader' Club Management System**
Database Management System(DBMS) based project
* Language/Tools: Oracle, HTML, CSS, JavaScript, PLSQL, PHP
- **Smart Dustbin**
An automated and user-friendly dustbin
* Language/Tools: Arduino IDE
- **Safe Journey**
Information System Design and Development(ISDD) based project for ensuring safe and secure journeys
* Language/Tools: Draw.io, UI Design-Figma
- **Correlation of Air Quality and Air-borne Diseases and Prediction of Disease Burden Using Machine Learning**
Machine Learning(ML) based project to predict the probability of air-borne diseases
* Language/Tools: Google Colaboratory
- **Cheesy World**
Web Development-based project for learning food recipes with cheese
* Language/Tools: HTML, CSS, JavaScript, Firebase

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C, C++, Java, PL/SQL, Assembly
Database: Oracle, FireBase
Management Software: MS Project, MS Excel, MS Word, MS Power Point
Scripting Modeling: HTML, CSS, JavaScript, Shell Script, ER Diagram
Simulation Software: Cisco Packet Tracer, Proteus, AutoCAD, MATLAB, Circuit Maker
Operating System: Linux, Windows

POSITIONS OF RESPONSIBILITY

- **Member, MIST Computer Club(MCC)** *Since 2020 - 2024*
- **Member, MIST Literature Club** *Since 2020 - 2024*

ACHIEVEMENTS

- **Scholarship** at the period of Secondary School Certificate (S.S.C) Level, Jessore Board, Bangladesh *2017*
- **Scholarship** at the period of Higher Secondary Certificate (H.S.C) Level, Jessore Board, Bangladesh *2019*