

ALA SOBHAN

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EDUCATION

City University of New York –Lehman College, Bronx, NY

B.S. Computer Science, 4.0 GPA

|| **Expected Graduation Dec 2021**

Ahsanullah University of Science & Technology

B.S. Computer Science & Engineering, 3.8 GPA

|| **Oct 2018**

Dhaka, Bangladesh

Relevant Courses: Data Structure, Artificial Intelligence, Database & Distributed Database System, Assembly Language, Information System Design and Software Engineering, Formal Languages & Compilers

TECHNICAL SKILLS

Programming Languages: C, Java, SQL, PLSQL, Python, CSS, HTML

CISCO Packet Tracer

Proficient in Windows App Development

Spoken Languages: English, Bangla, Hindi & Urdu

PROJECTS

Minesweeper Game

- Used Java and Graphical User Interface to make a traditional Minesweeper game where the user can select the dimensions of the grid and number of bombs. The objective of the game is that the player has to survive the game by not revealing all the cells containing bombs.

School Database System

- Used Java to develop a school database system. The project is able to read files and construct objects and manipulate data and has a user menu where the user can interact and retrieve data and query from the database.

Tic-Tac-Toe Game

- Java project to develop a traditional tic-tac-toe game.

Hotel Management System

- Used Entity Relationship Diagram, SQL & Java to create a hotel management system for hotel management authorities who will keep the information about the branches and keep track of the customer information, booking information, room availability, payment status etc.

Drum Set Kit

- Used JavaScript, CSS & HTML to create a website where user can play various sounds on drum set.

WORK EXPERIENCE

Certified Substitute Paraprofessional, NYCDOE

March 2019-Present

Bronx, NY

- Support teachers with daily class administration, assist students with emotional needs, autism, cognitive disabilities & physical handicaps. Collecting data and documenting student behavior for instructional purposes

Tutor & Grader, AID Academy

June 2015- April 2018

Dhaka, Bangladesh

- Taught middle school and high school mathematics, physics, science, information and communication technology. Graded middle school & high school students test copies for mathematics & physics

PROFESSIONAL MEMBERSHIPS

- Women in Computer Science – Lehman
- Women in Cybersecurity – Lehman
- NSBE-SHPE (National Society Black Engineers)
- BSA (Bangladesh Student Association)