

Joy Dhar

Iqbal road, Shewrapara, Dhaka

Phone: 01700542483

Email: jooydhar@gmail.com



CAREER OBJECTIVE

To utilize my education and experience to enhance organizational effectiveness and to take a challenging role in the field of Computer programming and implement the experience gained in this field to develop complex project with efficiency and quality.

EDUCATION

Degree/Certificate	Institute	Year of passing	GPA/CGPA
BSc	Computer Science Engineering (ongoing)	September, 2020 (expected)	3.39/4.00 (up to 5 th semester)
HSC	South Asian College	2013-2014	4.00/5.00
SSC	Hazi Mohammad Mohsin Govt. High School	2011-2012	4.69/5.00

ACADEMIC PROJECTS

- **Smart Faculty Management System**

A Faculty can find other Faculties and Students information like – Educational, Contact and Academic Result etc.

This was an individual project.

Key Technologies: C++ programming language

Platform: CodeBlocks

- **BD University Management System**

User can find all information of all university of by using this program.

Worked as a team leader in the group of 3 people and contributed in the coding and algorithm part.

Key Technologies: C++ programming language

- **Walking in the rain- using graphics.h project**

A man walking in the rain with an umbrella in the changing road

This was an individual project

Key Technologies: graphics.h library in C++

Platform: CodeBlocks

- **Space Invaders Game**

This is a firing game where user have to kill the ghosts from an Airplane in the space and get points.

If the ghosts touch the Airplane then game over.

This was an Individual Project.

Key Technologies: Java Programming Language

Platform: Eclipse

- **Bank Management System**

This application enables customer to perform banking transactions like – (deposit money, withdraw money, open account etc.)

Worked as a team leader in the group of 3 people and contributed in the coding part.

Key Technologies: Java

Platform: Eclipse

- **Blood Donation Management System**

This application enables user to manage information of blood donator and shows available blood samples.

This was an individual project.

Key Technologies: Java

Platform: NetBeans

- **Doctor Patient Portal**

This application enables patient to take appointment from doctor. Doctor receives appointment request and confirms the appointment. Doctor and patients are controlled by Admin.

This was an individual project.

Key Technologies: PHP, SQL Database

Platform: Visual Studio 2017 and XAMPP

- **Line Follower Robot using IR sensor**

Arduino line following robot which follow Black lines.

This was an individual project.

Key Technologies: Arduino UNO, L298 Motor Driver Shield, TCRT5000 IR array sensor

Platform: Arduino IDE

- **Maze Solver Robot**

This robot follow and solve black lines maze and find the shortest path of the maze and follow the path

Worked as a team leader in the group 3 members and contributed in the algorithm and coding part.

Key Technologies: Arduino UNO, L298 Motor Driver Shield, TCRT5000 IR array sensor

Platform: Arduino IDE

- **Intelligent Robot OTTO**

Otto walks, give emotions, dances, makes sounds and avoids obstacles.

Worked in the both hardware and coding part of the team of 3 members

Key Technologies: Arduino NANO, Ultrasonic sensor, Audio Buzzer, 3D Printed Structure, Servo motor, HC-05 module

- **Efficient CSE Lab Network Management**

This is network system project using mesh topology with firewall security.

Platform: Cisco packet tracer

PARTICIPATION & ACHIEVEMENTS

- Participated at UAP Inter Department Programming Contest 2018
 - solved 3 problems
- Participated at UAP Software And Hardware Carnival 2018
 - showed The Intelligent Robot OTTO.

TRANINGS

- Completed course on Graphics Designing from Deffodil International Professional Training Institute (DIPTI) at 2016
- Completed course on Spoken English from FM Method at 2013
- Completed course on MS OFFICE from BT COMPUTER at 2014

SKILLS

- Programming Languages: C, C++, Java, Python, Arduino Ide, HTML, CSS, Javascript, Ajax, Php, Kotlin.
- Databases: MySQL
- Networking: Cisco Packet Tracer Networking

INTEREST

- Programming
- Software Development
- IoT
- Machine Learning

PERSONAL VITAE

- Date of Birth: 23th July, 1996.
- Hobbies: Programming, Teaching, Playing Flute, Cricket, Football.
- Strength: Positive Attitude, Effective presentation, Smart working.
- Preferred Language: Bangla, English.

REFERENCES

Aloke Kumar Saha
Associate Professor
Department of CSE,UAP;
B.Sc. (APE), DU;
M.Sc.(CS),DU
Email: aloke@uap-bd.edu

Dr. A S M Touhidul Hasan
Assistant Professor
Department of CSE,UAP;
Ph.D.- Computer Applied Technology,
University of Chinese Academy of Sciences
M.Sc. in Computer Applied Technology,
Beijing Institute of Technology, Beijing,
China B.Sc. in CSE, SUB
Email: touhid@uap-bd.edu

Signature