Mahnaz Ameer

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R^G https://www.researchgate.net/profile/Mahnaz-Ameer

Profile

I have a strong desire to construct an enduring career in the IT field, leveraging my knowledge and skills. To realize this ambition, I am resolute in my commitment to work diligently, aiming for excellence and efficiency. I am dedicated to cultivating positive relationships with stakeholders, taking leadership roles, collaborating effectively within a team, and contributing to the creation of a distinctive brand value for the companies I am associated with.

Education

2019 – 2023	**Bachelor of Science - Computer Science and Engineering** *University of Dhaka*
2016 – 2018	**Higher Secondary School Education** *New Convent Higher Secondary School*
2004 – 2016	**Secondary School Education** *New Convent High School*

Professional Experience

2023/07 – 2023/12	**Web Developer** *Credence Housing Limited*
2023/01 – 2023/06	**Internship** *Credence Housing Limited*

Skills

Programming Languages ● ● ● ○ ○
C/C++, Python, Java

Frontend Development ● ● ● ○ ○
Android studio, Flutter

Backend Development ● ● ○ ○ ○
Django, Firebase

Design Tools ● ● ● ○ ○
Figma, Balsamiq, Adobe Illustrator

Testing ● ● ○ ○ ○
Manually(Black box Testing)
Automated(Selenium)

Miscellaneous ● ● ● ○ ○
Git, LaTeX , OpenGl, Microsoft Office

Publications

Hand Written Digit Prediction Using Machine Learning ⧉
The main aim of this project is to make a GUI-based application that allows users to predict the digits drawn on the interface using machine learning and shows the results in percentage how likely the prediction is correct. The project will be built using Python and the application will be trained with the help of a dataset from MNIST using a linear regression algorithm

Projects

Game Project : Game of Cars ⬀
A simple 2D car survival game.This game is developed by using the library SDL.2.0
https://www.youtube.com/watch?v=1-Bll2hmo_U&t=91s ⬀

App: HomeClick ⬀
An Android application to filter and view home vacancies, rentals, and sales with details.
Contributed to all segments of it, from frontend designing to integrating Cloud
Firestore and Google APIs and Firebase Authentication.
https://www.youtube.com/watch?v=1-Bll2hmo_U&t=91s ⬀

Website: CSEDUSC ⬀
This website is a type of blog website. There will be a record of previous events and everyone will get notified about upcoming events.
https://www.youtube.com/watch?v=eHTH9zSWvsk&t=34s ⬀

Study and Implementation of Real-time Stereo Vision ⬀
The real-time prediction of object depth using stereo vision by calculating disparity from corresponding pairs.

Leadership

2014 – 2016	**• Vice-captain at NCHS**
2016 – 2018	**• Class Representative at NCHSS**
2019 – 2022	**• Vice-captain, Shamsun Nahar Hall Volleyball Team, University of Dhaka**
2020	**• Organizer of the event, "Freshers Reception 2020 CSEDU"**
2023	**• Organizer of Code Samurai at the University of Dhaka**

Interests

- Frontend Development
- Testing
- Team Collabration
- UI/UX Design
- Backend Development
- Computer Vision and Image Processing
- Machine Learning
- Data Analytics

Awards

• Silver medalist in 1st State Tongilmodo Championship

• Bronze medalist in State Taekwondo Championship

• Bronze medalist in Inter-hall Judo Championship, University of Dhaka

Organizations

2022 – 2023	**CSEDU Students' Club**	
	Senior Executive Member	
2020 – 2022	**CSEDU Students' Club**	
	Secretary	
2019 – 2020	**CSEDU Students' Club**	
	Executive Member	
2019 – 2021	**Amal Foundation**	
	Executive Member	

Languages

- English
- Hindi
- Kashmiri
- Bangla
- Arabic
- Urdu
- Punjabi

Activities

Programming Contest
- Battle of Brains 2019
- National Girls Programming Contest 2019
- Inter University Girls' Programming Contest 2019