

Mahnaz Ameer

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📍 Dhaka, Bangladesh

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🌐 <https://github.com/mahnaz123-ameer>

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

Portfolio Website

<https://mahnaz123-ameer.github.io/>

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 <i>University of Dhaka</i>
2016 – 2018	Higher Secondary School Education <i>New Convent Higher Secondary School</i>
2004 – 2016	Secondary School Education <i>New Convent High School</i>

Skills

Programming Languages C/C++, Python, Java, JavaScript, HTML5, CSS	● ● ● ● ●	Frontend Development Android studio, Flutter, Bootstrap, React	● ● ● ● ●
Backend Development Django, Firebase	● ● ● ● ●	Design Tools Figma, Balsamiq, Adobe Illustrator	● ● ● ● ●
Testing Manually (Black box Testing) Automated (Selenium)	● ● ● ● ●	Miscellaneous Git, LaTeX, OpenGL, Microsoft Office, MS-Excel	● ● ● ● ●

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	• UI/UX Design	• Machine Learning
• Testing	• Backend Development	• Data Analytics
• Team Collaboration	• Computer Vision and Image Processing	

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 <i>Senior Executive Member</i>
2020 – 2022	CSEDU Students' Club <i>Secretary</i>
2019 – 2020	CSEDU Students' Club <i>Executive Member</i>
2019 – 2021	Amal Foundation <i>Executive Member</i>

Languages

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

Activities

Programming Contest

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

References

Dr. Tazul Islam, *Additional Commissioner*, Customs Bond Commissionerate Dhaka
tazul1973@yahoo.com, +88 01711-133239

Hasnain Heickal, *Assistant Professor*, Department of Computer Science and Engineering
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