

Rubaiya Masnun

A hard-working, punctual and team person to tasks, who thinks deeply for social welfare and works tirelessly to achieve the goal that was aimed for.

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EDUCATION

Masters in Computer Science Georgia State University

01/2023 - Present

Bachelor of Science in Computer Science and Engineering North South University

01/2016 - 03/2021

CGPA: 3.42

Higher Secondary Certificate Dhaka City College

2012 - 2014

GPA: 5.00

ACADEMIC PROJECTS

Resuming Educational Institutions During COVID Through Technical Ways Ensuring Less Crowd (12/2020)

- Due to Covid-19, while classes were shut off and to resume offline classes we have proposed a system to ensure less crowds at educational campuses. To develop this, we used RFID system and database. We have stored the details of the students in a database. The data is passed into the host system from the card reader while a student punches his card at the entrance. It is cross-checked with the existing database, and if the condition qualifies, only then can the student enter campus.

Eliya: An AI Robot, Assistant of the Department of ECE, NSU (Senior Project Design) (12/2029)

- To decrease the hassle of the ECE Department of North South University and to make the whole system automated in pace with the world, we have developed an AI robot which was the substitute for the help desk of the ECE Department at North South University. The AI Robot was capable of giving answers of the frequently asked questions by the students. It also could recognize user category and could take command from supervisor. With NLP the voice recognition and conversion had been implemented. AI was used to train the robot with the l of asked question about ECE Department.

Smart Home Security & Automation System Using Facebook Messenger Chatbot (Junior Project Design) (04/2019)

- We developed an IoT-based smart home security and automation system named 'Facebook messenger Chatbot' which will enable its users to use it for free as Facebook messenger app is free in Bangladesh. Through the messenger chatbot, people can manage the security and automation system from home and outside. We developed this system using a Raspberry Pi as a central processor with various sensors to access data from various digital appliances.

ORGANIZATION

Women in Engineering Affinity Group, IEEE North South University Student Branch (2020 - 2021)

Chairperson

Women in Engineering Affinity Group, IEEE North South University Student Branch (2019 - 2020)

General Secretary

WORK EXPERIENCE

Project Manager Sales Ninja

04/2022 - 06/2022

1) Tech businesses have been analyzed. 2) A targeted data extraction was performed for clients. 3) Provided digital marketing solutions and implemented them. 4) Provided copywriting services.

Communication Officer & Mentor Shikhbe Shobai Solutions

11/2020 - 03/2022

1) A significant number of clients have been contacted within this timeframe with briefings about IT courses & freelancing, answers to their queries, and assistance with admissions. 2) Have written course descriptions for websites and social media platforms. 3) Became an instructor for web development course as well and started with offline classes.

Best Rising Star of the Year 2021

- Awarded as the best rising star 2021 for constant performance and multi tasking.

PUBLICATIONS

Conference Paper

Smart Home Shield and Automation System Using Facebook Messenger Chatbot

06/2020

2020 IEEE Region 10 Symposium (TENSYP)

SKILLS

Software: Ms Office, CodeBlocks, Eclipse, Visual Studio

Technical Skills: C, Java, HTML & CSS, SQL, Python

Soft Skills: Flexible, Team Player, Public Speaking, Presentation

LANGUAGES

Bangla

Native or Bilingual Proficiency

English

Full Professional Proficiency

CO-CURRICULAR ACTIVITIES

Communication Camp 2.0 (2020), Inter University Event

Event Lead

SPAC 2019, Flagship Event of IEEE

Event Coordinator

IEEE BDS SYW Congress 2017

Organizing Team Member

Bangladesh Shishu Academy (2002-2011)

Have been an active member of Bangladesh Shishu Academy for nine years, completed different courses on reciting, music, guitar, drama. Also, Have attended lots of competitions in different places and got prizes on these topics stated above.