

Ehsanur Rahman Rhythm

STUDENT/VOLUNTARY RESEARCH ASSISTANT

Dhaka, Bangladesh

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Ehsanur Rahman Rhythm



Summary

My name is Ehsanur Rahman Rhythm, and I am a computer science student who recently completed my B.Sc. in Computer Science from Brac University in Dhaka, Bangladesh. I have a strong background in web development, data science, machine learning, and natural language processing.

During my undergraduate years, I gained extensive experience in teaching and research in the field of computer science and engineering. I worked as a student tutor and voluntary research assistant at Brac University, where I helped students with their assignments, projects, and exams. I also published several papers in reputed journals and conferences.

Currently, I am pursuing my Master of Science in Software Engineering (MSSE) degree at the Institute of Information Technology in Dhaka University. I am constantly seeking opportunities to expand my knowledge and skills in these fields and am excited to continue my journey in the field of computer science.

Education

IIT, Dhaka University

M.SC. IN SOFTWARE ENGINEERING

Dhaka, Bangladesh

Feb. 2024 - Present

Brac University

B.SC. IN COMPUTER SCIENCE - CGPA: 3.70

Dhaka, Bangladesh

Jan. 2020 - Sep. 2023

Birshreshtha Noor Mohammad Public College

H.S.C - GPA: 4.58

Dhaka, Bangladesh

Jun. 2017 - Jul. 2019

Dhaka Public School & College

S.S.C - GPA: 5.00

Dhaka, Bangladesh

Jan. 2015 - Feb. 2017

Work Experience

RhyStart Tech

LEAD WEB DEVELOPER

- Developed CMS websites for some business and consultancy firms.
- Currently working on developing a digital database management and verification system for Marine Fisheries Academy, Chattogram

Dhaka, Bangladesh

Jun. 2022 - Present

Shromik

LEAD WEB DEVELOPER

- Developed the news portal website with WordPress.
- Optimized website performance with a GTmetrix grade of A. (99% performance score)

Dhaka, Bangladesh

Aug. 2021 - May. 2022

HardPixel TV Sports

LEAD WEB DEVELOPER

- Developed their Sports Infotainment website with WordPress and WPBakery.
- Collaborated with the Design Team by implementing new designs, which improved the overall user experience.

Dhaka, Bangladesh

Jan. 2021 - Nov. 2021

bdnews24.com

CHILD JOURNALIST

- Selected as a Child Journalist in collaboration between bdnews24.com and UNICEF, reporting on children's rights and welfare.
- Gained valuable skills in journalism, research, and writing, and raised awareness about important issues facing children in my community.

Dhaka, Bangladesh

Apr. 2013 - Jun. 2017

- Developed the Official Website of Liberation '71 with WordPress.
- Collaborated with the designers to improve the design of the site.

Honors & Awards

Skills

Programming Languages	Python, PHP, JavaScript, NodeJS, Java, HTML, CSS
Data Science and ML	Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, PyTorch
Database Management	MySQL, MongoDB
Operating System	Windows, Linux
Website CMS	Wordpress, Laravel, Woocommerce, Xenforo, OpenCart, PrestaShop, Weebly
Softwares & Tools	Visual Studio Code, PyCharm, Microsoft Office, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro
Language	Bengali, English

Publications

Advancements in Optical Character Recognition for Bangla Scripts

MD TANJIM MOSTAFA, **EHSANUR RAHMAN RHYTHM**, MD HUMAION KABIR MEHEDI AND ANNAJIAT ALIM RASEL

ASYU

2023

Sentiment Analysis of Restaurant Reviews from Bangladeshi Food Delivery Apps

EHSANUR RAHMAN RHYTHM, RAJVIR AHMED SHUVO, MD SABBIR HOSSAIN, MD. FARHADUL ISLAM AND ANNAJIAT ALIM RASEL

ESCI

2023

Bengali Speech Recognition: An Overview

MASHUK AREFIN PRANJOL, FARHIN RAHMAN, **EHSANUR RAHMAN RHYTHM**, RAJVIR AHMED SHUVO, TANJIB AHMED, BUSHRA

YESMEEN ANIKA, MD. ABDULLAH AL MASUM ANAS, JAHIDUL HASAN, SAIADUL ARFAIN, SHADAB IQBAL, MD HUMAION KABIR

MEHEDI, ANNAJIAT ALIM RASEL

IICAET

2022

Projects

Thesis - Automatic Subtitle Generation for Bengali Multimedia Using Deep Learning

DEEP LEARNING, NLP, MACHINE LEARNING

Sep. 2023

- Utilized deep learning techniques like Wav2Vec2 for Bengali automatic speech recognition to generate subtitles from audio.
- Leveraged large Bengali speech dataset Common Voice for training speech recognition models and evaluating subtitle generation.

FacultyPedia

PHP, MYSQL, TAILWIND CSS

Aug. 2022

- An anonymous review system for students
- Ability to schedule a consultation hour with the faculty

Extracurricular Activity

BNMPC IT Club

SECRETARY OF PROGRAMMING & WEB DEVELOPMENT

Dhaka, Bangladesh

Sep. 2017 - Aug. 2019

- Volunteered as a founding member in BNMPC IT Club with a goal to introduce the college students about fast growing technology.
- Developed the official website of the then BNMPC IT Club.
- Taught many students about the basic of Web Development.

Brac University

VOLUNTARY TEACHING ASSISTANT & VOLUNTARY RESEARCH ASSISTANT

Dhaka, Bangladesh

Jan. 2023 - Oct. 2023

- Help students in their research on Data Science and Machine Learning projects.
- Provided guidance on research papers related to pattern recognition, data science, natural language processing, computer modeling and distributed computing.
- Assisted students with publishing research papers.