



Zannat Chowdhury

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EDUCATION

BSC in Computer Science and Engineering
Independent University, Bangladesh (IUB)
2019 - present

CIE GCSE O Levels & GCE A Levels
Ingenious International School & College
2015 - 2018

SKILLS

- Python & C++ Programming
- Project management & Strategic Planning
- Qualitative & quantitative research
- Documentation & paper writing skills
- Analytical skills
- Leadership experience
- Communication skills
- Organizational know-how
- People skills
- Problem-solving abilities

ABOUT ME

An aspiring researcher and a teaching assistant.

Enthusiastic CSE Undergraduate student at IUB, aspiring to research on applications of AI and ML for the betterment of mankind. Currently researching on "Detecting Bengali Offensive Language using Speech Recognition".

EXPERIENCE

Research Projects

Senior Project - Bengali Dialect Detection Using Speech Recognition || June 22 – Present

Working in a 2-member team under supervision of Md. Asif Bin Khaled, Lecturer at Dept. of CSE, IUB.

- Reviewing current literature in the field
- Working on dataset aiming towards a novel State-of-the-Art contribution
- Authoring 3 research papers aimed at publishing in Journals and conference

Detecting Bengali Offensive Language using Speech Recognition || June 2021 – Oct 22

Worked in a 3-member team under supervision of Md. Fahad Hossain, RA at DIU-Apurba Research and Development Lab.

- Created a one of a kind 5200 Bengali offensive word audio dataset and authored an upcoming dataset aimed for publishing on DIB – Elsevier
- Lead literature reviewer and author of a dataset paper on Bengali Abusive Audio Detection (BAAD)

IoT Based Automated Greenhouse Hydroponic System, IUB FABLAB || Oct 22 - Dec 22

Worked in a 3-member team under the supervision of Dr. Mahady Hasan, Head of Dept. of CSE, IUB.

- Help team with fabricating hardware and electronics development
- Review recent research work on smart hydroponics systems
- Authored papers on this project

Teaching Assistant

Independent University, Bangladesh

|| July 2021 – January 2022

Worked as Teaching Assistant under Sheikh Abujar Sir, Lecturer, Dept. of CSE, IUB. I was assigned for CSC101, where I took tutorial classes for students, kept track of students' performance & assignments, made student reports, records, and co-invigilated exams