

Md. Jubayer Hossain

Azimpur, 33/3A, Dhaka – Bangladesh

☎ +8801771083855 • ✉ b150605021@mib.jnu.ac.bd • 🌐 <https://jhossain.me/>

ACADEMIC CREDENTIALS

- **Master of Science** [On Going]
Department of Microbiology, Jagannath University, Dhaka
- **Bachelor of Science** [Jan 2015–Jan 2019]
Department of Microbiology, Jagannath University, Dhaka
GPA: 3.15/4.00

WORK EXPERIENCE

- **Lead Organizer and Instructor**, *Introduction to Scientific Computing for Biologists* [Nov 2020 - Present]
Introduction to Scientific Computing for Biologists is an introductory course organized by Health Data Research Organization. My team members and I design this course to help undergrad students interested in genomics and public health research. Here I taught the basics of Python, R programming, Biostatistics, and Bioconductor.
- **Instructor**, *Whitehope Academy* [July 2016 - June 2020]
I have provided comprehensive tutoring in Physics and Chemistry to the students of 10th, 11th, and 12th grade.
- **Team Member**, *Bio-Bio-1* [June 2017 - Jan 2019]
I was an active participant in their weekly study circle and learned a lot from them; especially, I learned bioinformatics techniques and with the help of a Python.

RESEARCH

- *Syeda Tasneem Towhid, Md. Jubayer Hossain, Sumona Akter, Md. Atik Shariar Sammo.* **Perception of Students on Antibiotic Resistance and Prevention: An internet-based community case study from Dhaka, Bangladesh.** [Under Preparation]
- *Md. Jubayer Hossain, Sumona Akter, Md. Atik Shariar Sammo, Shahid Hasan Munzur.* **Self Management And Knowledge of Diabetic Patients in Bangladesh and the Prevalence rate of Diabetes.** [Ongoing]
- *Dr. Md. Kamrujjaman, Alamgir Hossain Tanjim, Md. Jubayer Hossain.* **A survey on the general concept of diabetes among students of different universities in Bangladesh.** [Under Preparation]
- *Syeda Tasneem Towhid, Md. Jubayer Hossain, Sumona Akter, Md. Atik Shariar Sammo, Sharif Hossain, Sumaiya Akter Mukta, Morsheda Munia, Mohammad Nahian.* **Public Perception on the Spread of Antibiotic Resistance in Bangladesh.** [Ongoing]

PROJECTS

- **Disease Detection System** [Github]
The aim of this Disease Detection System(DDS) to detect some disease by using machine learning techniques.
- **ESOL: Estimating Aqueous Solubility Directly from Molecular Structure** [Github]
Estimating Aqueous Solubility Directly from Molecular Structure.

AFFILIATIONS

- **Founder**, *Health Data Research Organization* [Nov 2020 - Present]
The main focus of this group is to solve healthcare problems with the help of data in Bangladesh. The primary

responsibilities include designing courses, data analysis, and team management.

o **Founder, Punopunik**

[Nov 2016 - 2018]

The Pounopunik is a science organization in my Upazila. This organization aims to arrange a science olympiad and other scientific events for primary, secondary, and higher secondary students.

RESEARCH INTERESTS

Disease classification, Public health, Health Data Science

LINGUISTIC PROFICIENCY

- o English (Fluent Working Proficiency)
- o Bangla (Native Language)

EXTRA CURRICULAR ACTIVITIES

o **Founding Member, Kanthokanon**

[Nov 2016 - Present]

Kanthokanon is a poet recitation organization in my Upazila. Here I am an active member. I learned Bangla pronunciation and poem recitation. I performed in 3 programs and won 2 awards from "Victory Day Poem Recitation Competition-2014."

REFERENCES

Syeda Tasneem Towhid, Ph.D

Assistant Professor,
Department of Microbiology
Jagannath University, Dhaka
Email – towhidishitha@gmail.com

Sabia Sultana

Assistant Professor,
Department of Microbiology
Jagannath University, Dhaka
Email – sultana.sabiajnu@gmail.com