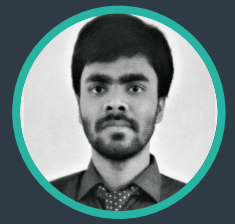# Md. Abdullah Ahmed Polash

Student | Biochemistry & Molecular Biology

My special research interests focus on Bioinformatics , Genomics and Systems Biology, especially their application in identification & treatment of infectious diseases and cancer

✉ abdullahahmedpolash@gmail.com 📱 + 880 1788186374 in linkedin.com/in/polash9

EDUCATION

BSc (Hons.) in Biochemistry & Molecular Biology
Bangabandhu Sheikh Mujibur Rahman Science & Technology University
2019 - Present

Higher Secondary Degree
Shahid Govt. Bulbul College, Pabna
2015 - 2017

ONGOING PROJECTS

SARS CoV-2 NGS Data Analysis
- sequence alignment
- variant identification
- Population frequency filtration etc.

Coronavirus Outbreak Data Analysis With ML
- Preparation of ML Model
- Comparison of Coronavirus Outbreak
- Outbreak Data Visualization

VOLUNTEER EXPERIENCE

Associate Member
BSMRSTU-Global Affairs Council

10/2020 - Present
It's a leading volunteer organization in the BSMRSTU campus. High-quality leadership training is practiced here following by Model United Nations Association.

Responsibility/Tasks
- Performs as a delegate in shadow Model United Nations.
- Practicing diplomacy etc.

Secretary of Reading Cycle Affairs
BMB Debating Society

01/2020 - Present
it's one of the best Debating Society in BSMRSTU. Last year, it became the champion debating society among all competitors in departmental debate competitions.

Responsibility/Tasks
- Assist others to run Debating Society well.

CORE SKILLS

NGS Data Analysis With Galaxy

Python - programming Language

Genomics Data Analysis With Python

Immunoinformatics

Computer Aided Drug Design

Computer Aided Vaccine Design

Linux Command Line Proficiency

CERTIFICATES

Programming for Everybody (Getting Started with Python)

AI & Machine Learning Workshop on Coronavirus Outbreak

Drug Discovery Technology | Insights of Protein-Ligand Interactions

Gut Microbiota: A Potential Target for Diabetes and Obesity

LANGUAGES

Bangla
Native or Bilingual Proficiency

English
Professional Working Proficiency