

ABU TAYAB MOIN

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EDUCATION

Jan 2018 – Present **Bachelor of Science in Genetic Engineering and Biotechnology**
University of Chittagong, Chittagong (Bangladesh)

- Coursework included Molecular Biology, Genes and Genomics, Human Physiology, Metabolism and Bioenergetics, Cell Biology and Genetics and Cytogenetics, Cytology, Basic Biochemistry

Current CGPA: 3.78/ 4.00

RESEARCH EXPERIENCE

Research assistant **COVID-19 computational research project**
March 2020 – May 2020 *(A collaborative work of University of Chittagong and Chittagong Veterinary and Animal Sciences University)*

- Worked on the project “Exploring the genomic and proteomic variations of SARS-CoV-2 spike glycoprotein: a computational biology approach” led by Dr. Adnan Mannan, Dr. Azam Zonaed Siddiki and Mr. Md Mahbub Hasan.

Research Intern **Disease Biology and Molecular Epidemiology Research Group, Chattogram (Bangladesh)**
Nov 2019 – Dec 2019

- Worked on the project “Study on awareness about diabetes among adolescent and school going kids” in data acquisition and transferring into digital database REDCap.

Research Intern • Worked on the project “Assessment of supply water quality and risk factors of diarrheal diseases in northern part of Chattogram city” organized by: Disease Biology and Molecular Epidemiology Research Group.
Dec 2018 – Feb 2019

WORK EXPERIENCE

Campus Ambassador **Nextgen Informatics Bangladesh (<http://www.nextgeninformatics.com/>)**
Jan 2020 – Present *Ambassador of University of Chittagong*

Volunteer UNICEF Bangladesh
Nov 2019 – Present (<http://www.volunteer.unicefbangladesh.org>)

Assistant Vice President **Network of Young Biotechnologists of Bangladesh (NYBB)**
Sep 2019 – Present *(Online and Publication Resource) (<http://www.youngbb.org/>)*

- Serve as Graphic designer of online or offline updates regarding all the events organized by NYBB

Technological Executive **Chittagong University Scientific Society, Chittagong (Bangladesh) (<https://www.cussbd.org>)**
Jan 2019 – Present

- Serve as website moderator and designer of online or offline publication updates regarding all the events organized by CUSS

LEADERSHIP AND ORGANIZING ACTIVITIES

Organizer **NYBB 5th Young Biotechnologists Congress 2020**
Feb 20, 2020 • Worked as IT lead to organize one of the biggest national congress in Bangladesh

Organizer **Bangladesh Biology Olympiad (BDBO)- Chattogram Region 2020 (Bangladesh)**
Feb 2019 – Present • Worked as IT lead

Organizer **1st Chittagong Science Carnival-2019, Chittagong (Bangladesh)**

Feb 2019–Present • Acted as an organizer of the program hosted by CUSS; managed around 3500 participant to run the program with workshop and training sessions smoothly.

TRAINING AND WORKSHOP

- Jan 2020 Training on Crispr Technique; (Trainer: <https://bd.linkedin.com/in/salman-khan-promon-297346159>) by Community of Biotechnology (COB), Dhaka (Bangladesh)
- Jan 2020 Training on Introduction to Bioinformatics and Computational Biology; (Trainer: <https://bd.linkedin.com/in/mohammad-uzzal-hossain-24b19391>) by Nextgen Informatics Limited, Chattogram (Bangladesh)
- Jan 2020 Training on Cancer Bioinformatics; (Trainer: <https://uk.linkedin.com/in/a-m-mahedi-hasan-aa8a4547>) by BioTED, Dhaka (Bangladesh)
- Dec 2019 Workshop on Genomics and Bioinformatics; (Trainer: <https://ca.linkedin.com/in/rashedul-islam-12170432>) by Community of Biotechnology (COB), Dhaka (Bangladesh)

SKILLS

- Molecular Techniques DNA extraction, Gel Electrophoresis, Paper Chromatography, Bacterial Culture and Isolation, Media Preparation, Protein Separation
- Systems and Software Linux basic commands, Adobe Photoshop, Adobe Illustrator, Microsoft Office
- Programming Skills Python beginner (Bio Python)
- Language Bangla (Native), English (Good User)

AWARDS AND HONORS

- Feb 2020 Awarded as “Technical Guru” for the successful completion of the works at BDBO-2020
- Jan 2020 Winner of Poster Presentation of Crispr Winter Training 2020, Organised by COB
- Dec 2019 Semifinalist within top 24 teams amongst 272 teams at HULT PRIZE’ 2019 took Place in University of Chittagong
- March 2019 Selected in 1st NIB-YoungBB Summer School (National) and 2nd Runner Up at Biotech Based Business Idea Presentation (Group work)
- Jan 2019 Designated as Bio detector by Supervisor for satisfactory research work
- Dec 2018 Special Appreciation award from GEB-Career Adda, CU
- March 2018 2nd Runner Up at Poster Presentation hosted by CUSS, Chittagong

EXTRA CURRICULAR ACTIVITIES

- Aug 2019 Designed official logo for NYBB
- July 2019 Participated in “Drishty Brainstorming Challenge” organized by Drishty Chittagong
- June 2019 Attended 1st BSBMB conference organized by CU (Bangladesh)
- May 2019 Designed official logo for BioTED
- May 2019 Participated in Poster Presentation Contest organized by GEBCU, Chittagong
- April 2019 Acted as IT Coordinator at 1st Science Carnival organized by CUSS, Chittagong
- April 2019 Organized DNA DAY 2016 at GEBCU, Chittagong
- March 2019 Served as Graphic Designer at 1st NIB-YoungBB Summer Camp, 2019
- Feb 2019 Delegate at ‘Chittagong University Model United Nations’ (CUMUN), 2019
- Sep 2018 Started working as scientific blog writer at ‘Community of Biotechnology (COB)
- March 2018 Volunteered Clean Campus Program at CU, Chittagong

INTEREST

Next Generation Sequencing, Public Health, Immunology.