

# Ziad Rahman **Bhuiyan**

AN INDEPENDENT THINKER, RESEARCHER, WRITER FROM BANGLADESH

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## About Me

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I am a **self-motivated thinker, researcher, and writer from Bangladesh** with a growing academic background in the life sciences. I have a strong interest in how knowledge can address today's health, social, and other issues. My writing explores various topics such as public health, including eating disorders (EDs), mental health, one health approaches, and the global education crisis. I incorporate insights from the humanities to enhance the understanding of the human stories behind data and scientific findings.

Besides research, I value intellectual and creative exploration — from writing and argument to civic engagement and entrepreneurial pursuits. These experiences have enriched my critical thinking, interdisciplinarity, and ability to contribute to projects in science, society, and innovation.

In the coming years, I aim to continue growing as a researcher and collaborator, contributing value to initiatives that promote health equity, education, and interdisciplinary learning and collaboration, while developing solutions that align scientific principles with people-oriented thinking.

## ADDITIONAL PROFILE(S)

**Photography/Flickr:** [https://www.flickr.com/photos/z\\_rb/](https://www.flickr.com/photos/z_rb/)

## Judging & Evaluation Experiences

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### **Queen's Commonwealth Essay Competition (QCEC): By Royal Commonwealth Society (RCS)**

JUDGE

Remote

Feb 2025 - Jul 2025

## Research Experiences

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### **Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)**

RESEARCH ASSISTANT

Dhaka, Bangladesh

Apr 2024 - Present

- Conducting literature reviews to gather information on relevant research studies and findings related to the project.
- Assisting in the collection of data through various methods such as surveys, interviews, experiments, observations, or archival research.
- Assisting in data analysis using statistical software or other analytical tools under the supervision of senior researchers.
- Co-authorship based projects (include but are not limited to): Eating Disorders (EDs), Mental Health, One Health.
- Contribution based projects (include but are not limited to): Body Shape (Former Project Coordinator), Dengue Dashboard.

### **Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)**

Dhaka, Bangladesh

RESEARCH INTERN

Jan 2024 - Mar 2024

- Assisted in the collection of data through various methods such as surveys, interviews, experiments, observations, or archival research.
- Learning objectives (include but are not limited to): Introduction to Health Research Methodology, Mobile Data Collection with KoboToolbox, Research Data Analysis using R Programming, Scientific Writing, Guide to Publishing a Scientific Paper.

## Club Experiences

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### **Earth Club of North South University**

MEMBER

Dhaka, Bangladesh

Nov 2025 - Present

### **North South University Public Health & Sciences Club (NSU PHSC)**

MEMBER

Dhaka, Bangladesh

Oct 2025 - Present

### **North South University Debate Club (NSUDC)**

MEMBER

Dhaka, Bangladesh

Oct 2025 - Present

- Content And Publication Team

### **GSCPC - Government Science College Photography Club**

ASSISTANT GENERAL SECRETARY

Dhaka, Bangladesh

Aug 2022 - Jun 2023

- Reflection 2.0 – National Photography Festival 2023: GSCPC organized a national festival engaging students from 150+ institutions and professional photographers, providing a platform for creative expression and receiving coverage and sponsorship from leading media and institutions.
- Workshops and Training Sessions: GSCPC conducted multiple workshops and interactive sessions to enhance members' skills in photography.
- Documentary on Government Science College: GSCPC produced a documentary highlighting the college's heritage and activities.

## **Govt. Science College Debating Club (GSCDC)**

OFFICE SECRETARY

- 5th GSCDC Nationals 2023: GSCDC hosted its flagship national debating championship with participants from 60+ leading colleges and universities. The event was widely supported and received coverage from prominent magazines, newspapers, and institutions.
- Workshops and Training Sessions: GSCDC organized multiple workshops and practice sessions to strengthen members' debating and public speaking skills.

Dhaka, Bangladesh

Apr 2022 - Apr 2023

## **Teaching Experiences**

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### **Independent Teaching & Peer Mentorship**

Dhaka, Bangladesh

Jan 2019 – Present

STUDENT MENTOR; SUBJECT TUTOR

- Taught Bangla, English, Mathematics, Biology, and other core subjects to juniors/students (school and college level), helping them improve academic performance and confidence.
- Provided peer mentorship by assisting classmates and batchmates in understanding difficult topics and solving problems (both inside and outside college/school).
- Guided juniors/students through practice sessions, homework support, and board exam preparation strategies.
- Hands-on teaching and mentoring experience, balancing both individual guidance and group study support.

## **Self Employment Experiences**

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### **Self-Employed**

Dhaka, Bangladesh

Jan 2019 – Dec 2019

ILLUSTRATOR

- Subject-related illustrations for practical notebooks in Biology, Physics, Mathematics, and Chemistry for batchmates/classmates/students in grades 9 and 10.

## **Education**

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### **North South University**

Dhaka, Bangladesh

2025 - Running

DEGREE/BACHELOR OF SCIENCE (HONS)

- Field of Study: Microbiology
- Department: Department of Biochemistry and Microbiology (BMD)

### **Government Science College**

Dhaka, Bangladesh

2020 - 2023

NATIONAL BOARD EXAMINATION/HIGHER SECONDARY CERTIFICATE (HSC), SCIENCE

- Grade: 11th, 12th (Regular/full-time)
- Group: Science
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Name of Subjects: Bangla, English, Information And Communication Technology, Physics, Chemistry, Higher Mathematics
- Additional Subject: Biology

### **Monipur High School & College**

Dhaka, Bangladesh

2018 - 2020

NATIONAL BOARD EXAMINATION/SECONDARY SCHOOL CERTIFICATE (SSC), SCIENCE

- Grade: 9th, 10th (Regular/full-time)
- Group: Science
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Name of Subjects: Bangla, English, Mathematics, Bangladesh And Global Studies, Islam And Moral Education, Physics, Chemistry, Higher Mathematics, Information And Communication Technology
- Additional Subject: Biology
- Continuous Assessment: Physical Education, Health And Sports; Career Education

### **Monipur High School & College**

Dhaka, Bangladesh

2015 - 2017 (JSC)

NATIONAL BOARD EXAMINATION/JUNIOR SCHOOL CERTIFICATE (JSC)

- Grade: 6th - 8th (Regular/full-time)
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Subjects: Bangla, English, Mathematics, Science, Islam And Moral Education, Bangladesh And Global Studies, Information And Communication Technology (ICT), Agriculture Studies, Physical Education And Health, Arts And Crafts, Work And Life Oriented Education

### **Monipur High School & College**

Dhaka, Bangladesh

2010 - 2014 (PEC)

NATIONAL BOARD EXAMINATION/PRIMARY EDUCATION COMPLETION (PEC)

- Grade: 1st - 5th (Regular/full-time)
- Result/Grade Point Average (GPA): 5.00 out of 5.00

## **Training**

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### **Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)**

Dhaka, Bangladesh

BUILDING DASHBOARD WITH R

Feb 2024

**CODE IN PLACE**

- Control flow with Karel
- The Art of Coding
- Console Programs
- Understanding Variables
- Graphics
- Lists + Dictionaries

## Skills

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### TECHNICAL SKILLS

(include but are not limited to):

**Programming Languages:** HTML, Python, R; **Analytics Softwares:** Microsoft Excel, R, SPSS; **Survey Tools:** RedCap, KoboToolBox, EpiCollect, Google Forms;

**Academic Writing Tools:** Microsoft Word, Microsoft PowerPoint, Zotero, Mendeley; **Miscellaneous Skills:** RStudio, CapCut, Canva

### ADDITIONAL SKILLS

(include but are not limited to):

**Mirror & Rubik's Cube:** 2X2, 3X3, 4X4

**Chess:** Blitz, Rapid, Bullet

**Cycling; Drawing & Painting; Gardening; Mobile Photography; Swimming; Teaching**

**Esports:** Call of Duty Mobile, Checkers Online, Fruit Ninja, Hunter Assassin, Hill Climb Racing, Mini Militia, 2048 Merge Block Puzzle Games, Need for Speed, Subway Surfers, Shadow Fight, Smash Hit, Temple Run 2, Vector

## Additional Memberships

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MEMBER, THE NEW YORK ACADEMY OF SCIENCES' JUNIOR ACADEMY

MEMBER, GOVT. SCIENCE COLLEGE WING, CETONA PORISHOD

## Publications

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### UNDER REVIEW

Akter, MM., Sakib, M.N., **Bhuiyan, Z. R.**, Hossen, I., Paul, A., Limon, M.H., Munny, F.A., Tisha, A.T., Imita, R.T., Mehjabin, K., Bethi, K.B., Yusuf, S., Banik, P.C., Hossain, M.J. (2025) Association between eating disorders and mental health disorders among Bangladeshi school and college students: a cross-sectional study. <https://doi.org/10.21203/rs.3.rs-6583460/v1> (Submitted to Scientific Reports)

## Conferences

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### POSTER PRESENTATIONS

Hossain, M.J., Akter, MM, Sakib, M.N., **Bhuiyan, Z. R.**. One health Knowledge and Practice: A community-based study in rural Bangladesh. 10th International Public Health Conference by Public Health Foundation Bangladesh at TMSS Medical College, Bangladesh, December 2024

### ORAL PRESENTATIONS

Akter, MM, Sakib, M.N., **Bhuiyan, Z. R.**, Hossain, M.J. Eating attitude and its associated mental health problems among the adolescents in Dhaka City, Bangladesh. 10th International Public Health Conference by Public Health Foundation Bangladesh at TMSS Medical College, Bangladesh, December 2024

## Awards/Honors/Scholarships/Titles/Placements

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### **Drexel University**

Philadelphia, Pennsylvania, USA

#### OFFERED SCHOLARSHIPS

- Merit Based Scholarship(s): A. J. Drexel Scholarship
- Financial Need Based Scholarship(s): Drexel Grant

2025

## **Temple University**

OFFERED SCHOLARSHIPS

- Merit Based Scholarship(s): Deans Merit Scholarship

Philadelphia, Pennsylvania, USA

2025

## **National STEAM Olympiad**

FINALIST (TOP 10)

- Advanced through multiple rounds, reaching the Top 10 Finalists nationally.
- Divisional Round: Top 8.

National (Bangladesh)

Jan 2024

## **International Youth Math Challenge (IYMC)**

BRONZE HONOUR

- Issued by the International Youth Math Challenge (IYMC)
- Category: Over 18

International

Nov 2023

## **QUEEN'S COMMONWEALTH ESSAY COMPETITION (QCEC)**

BRONZE AWARD

- Number of individual entries: 34,924
- Issued by the Royal Commonwealth Society (RCS)
- Category: Senior

International

Oct 2023

## **Bangladesh Space Olympiad**

QUALIFIED FOR FINAL ROUND

- Organized by Bangladesh Space Research Society

National (Bangladesh)

Sep 2023

## **ClimateScience Olympiad**

SEMI FINALIST

- Number of participants/teams: 55,000 +

International

Sep 2023

## **US Medicine & Disease Olympiad**

HONORABLE MENTION

- Issued by US Medicine and Disease Olympiad (USMDO), International Medicine and Disease Olympiad (IMDO)

International

Aug 2023

## **BYLC Running with purpose 2023**

HONORARY MEDAL

- Issued by the Bangladesh Youth Leadership Center (BYLC)
- Distance: 7.5 km
- Location: M. A. Aziz Stadium, Chittagong
- Supported by BYLC, Ministry of Youth and Sports, Bangladesh, and Kingdom of the Netherlands

National (Bangladesh)

Jul 2023

## **GSCPC Farewell 2023**

HONORARY CREST

- The award is handed over by the Club Moderator of GSCPC - Government Science College Photography Club

Dhaka, Bangladesh

Jun 2023

## **Best Student Performance Award 2023**

HONORED

- Issued by BSB – Cambrian Education Group
- Honored with the Excellence Medal
- Category: Higher Secondary School Certificate (HSC)

National (Bangladesh)

Apr 2023

## **Academic Excellence Award by Janata Bank PLC.**

HONORED

- Issued by Janata Bank PLC. (the 2nd largest commercial bank in Bangladesh)
- Monetary award (48.5 per cent of the total monetary award — covered all costs related to my college tuition and other academic fees, including board exam fees, academic materials, and transportation, excluding living expenses).
- Congratulations (from the CEO and MD of Janata Bank PLC.) on my SSC result in 2020.

National (Bangladesh)

Nov 2021

## **Best Student Performance Award 2020**

HONORED

- Issued by BSB – Cambrian Education Group
- Category: Secondary School Certificate (SSC)

National (Bangladesh)

Jul 2020

## **Academic Excellence Award by MUBC**

HONORED

- Issued by Monipur High School and College
- Honored with the Prestigious Medal.
- The chief guest was the Minister of the Road Transport and Bridges Ministry, Bangladesh.
- The special guest was the State Minister of the Ministry of Industry, Bangladesh.

Dhaka, Bangladesh

May 2018

## **Academic Excellence Award by Janata Bank PLC.**

HONORED

- Issued by Janata Bank PLC. (the 2nd largest commercial bank in Bangladesh)
- Prize Bond (covered my academic tuition fees for one year)
- Honorary Crest
- The award is handed over by the Chairman of Janata Bank PLC.

National (Bangladesh)

Apr 2015

## **MUBC Annual Sports and Cultural Competition**

3RD POSITION (SPORTS)

- Issued by Monipur High School and College
- Honorary Crest

Dhaka, Bangladesh

Dec 2012

# **MUBC Annual Sports and Cultural Competition**

2ND POSITION (SPORTS)

- Issued by Monipur High School and College
- Honorary Plate

*Dhaka, Bangladesh*

*Dec 2011*