

Munem Ahmad Chowdhury

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Education

Comilla University, Economics

- Description 1.
- Description 2.

Cumilla, Bangladesh

2020 – 2020

Comilla University, Economics

- Description 1.
- Description 2.

Cumilla, Bangladesh

2016 – 2019

Experience

Bangladesh Institute of Social Research Trust, Research Fellow

Led the development of high-quality research outputs, including proposals, reports, publications, and policy briefs, ensuring strong academic rigor and policy relevance. Provided strategic oversight of research projects while representing the institution at national and international forums and strengthening partnerships with key stakeholders. Mentored research staff, delivered capacity-building initiatives, and offered intellectual leadership in shaping new research agendas. Also secured research and consultancy opportunities and performed additional responsibilities as assigned by institutional leadership.

Lalmatia,
Dhaka, Bangladesh

2025 – present

1 year

- Led completion of two research projects (climate-induced migration for BRAC and gender analysis of plastic waste value chain for UNDP), overseeing survey tool design, field supervision, data analysis, and report writing.
- Mentored a team of 3 interns and junior researchers in developing research proposals and implementing studies.
- Secured competitive consultancies from UNDP Bangladesh, including \$120,000 for an e-Parliament Feasibility Study and \$19,850 for a gender analysis of the waste value chain in Chattogram, Cox's Bazar, and Tangail, through competitive proposal development.

Bangladesh Institute of Social Research Trust, Research Associate

Prepared research proposals, reports, articles, and presentations for seminars and workshops, ensuring quality and relevance. Actively participated in national and international events while monitoring ongoing research to ensure timely, budget-compliant, and high-quality completion. Coordinated with national and international research organizations and identified new research and consultancy opportunities. Also produced op-eds for national newspapers and carried out additional tasks as assigned.

Lalmatia,
Dhaka, Bangladesh

2023 – 2024

1 year

- Executed three research projects for TdH Netherlands, Chattogram City Corporation, and Ministry of Planning of GoB, contributing to methodology development, data collection, analysis, and reporting.
- Facilitated an eight-day training for 42 enumerators, supervised the month-long data collection and managed field logistics for the End-line Evaluation of BRAC's Gender Responsive Education and Skill Programme in Chattogram Hill Tracts (a hard-to-reach hilly area).
- Authored two peer-reviewed journal articles and five op-eds in national newspapers, enhancing the organization's academic presence.
- Reviewed 16 research articles and organized two national-level conferences, fostering academic discourse.
- Secured a \$20,000 research grant from Bangladesh Police through a successful proposal for a study on public traffic awareness, collaborating with a co-researcher in proposal development.

Change Initiative, Research Assistant

Supported the identification of research areas and development of proposals, research plans, and data collection tools, while managing electronic data systems and conducting fieldwork. Performed statistical, econometric, and economic analyses—including feasibility assessments—and translated findings into clear visualizations and research reports. Contributed to proposal development, stakeholder coordination, and preparation of thematic write-ups and concept notes. Also supported press briefings, dissemination events, and the preparation of policy briefs based on research evidence.

- Completed five research and consultancy projects for WIN, European Climate Foundation, ALRD, TI Maldives and Oxfam, assisting PI in design survey tools, data cleaning & analysis, policy analysis, and report writing.
- Developed ODK forms for household data collection and managed databases for other projects.
- Organized the Dhaka Renewable Energy and Finance Talk (DREFT), facilitating international discourse on renewable energy financing, with participation from over 300 stakeholders.
- Secured a \$15,000 consultancy from OXFAM Bangladesh through a competitive proposal process for a comprehensive study on climate risk insurance, supporting the PI in proposal development.

Banani,

Dhaka

1212,

Bangladesh

2022 – 2023

1 year

Comilla University, Graduate Research Assistant

Assisted in the design and implementation of academic research, including literature reviews, data collection, dataset management, and statistical/econometric analysis. Supported the preparation and editing of research proposals, manuscripts, reports, and grant applications while coordinating with research teams and administrative staff. Contributed to organizing academic events and handling research-related administrative tasks. Also supported teaching activities by preparing course materials and conducting tutorials, discussion sessions, and lab work to reinforce student learning.

- Contributed to a research project focusing on economic growth and external financial means of implementation, assisting PI in literature review, methodology development, data analysis, and report writing.
- Published three research articles in peer-reviewed journals, expanding academic contributions and visibility.
- Developed course materials and instructed STATA and R training sessions over two semesters, enhancing students' analytical skills.
- Mentored two graduate students in econometrics, data analysis, and academic writing, supporting their thesis development and successful defense.

Cumilla, Bangladesh

2020 – 2022

2 years

Volunteer**Work on Climate**, Quantitative Researcher, Impact Research Team

Collaborated with the Executive Director and program teams to shape research goals aligned with organizational priorities and ensure methodological rigor in survey design and testing. Developed sampling strategies, managed field operations, and conducted quantitative analyses to produce reliable and actionable insights. Translated findings into clear, audience-focused reports and narratives. Also partnered with the Marketing and Communications team to effectively disseminate research through publications and presentations.

- Assisted the team lead in designing the survey tool to meet quarterly survey targets.
- Supported survey implementation by developing sampling strategies, administering surveys, and coordinating distribution to 3,000 recipients via email and 31,000 via Slack.
- Performed quantitative analysis of survey data, including data cleaning and summarization in Google Sheets, to address key research questions.

USA (Remote)

July 2024 – Jan 2025

Awards

Nobel Prize in Physics

Nov 1921

The Nobel Prizes are five separate prizes that, according to Alfred Nobel's will of 1895, are awarded to 'those who, during the preceding year, have conferred the greatest benefit to humankind.'

Royal Swedish Academy of Sciences

www.nobelprize.org/prizes/physics/1921/einstein/biographical

Max Planck Medal

2029

Awarded for outstanding scientific achievement

German Physical Society

Publications

Zur Elektrodynamik bewegter Körper

It concerned an interpretation of the Michelson–Morley experiment and the properties of light and time. Special relativity incorporates the principle that the speed of light is the same for all inertial observers regardless of the state of motion of the source.

Albert Einstein

en.wikisource.org/wiki/Translation:On_the_Electrodynamics_of_Moving_Bodies

Über einen die Erzeugung und Verwandlung des Lichtes betreffenden heuristischen Gesichtspunkt

In the second paper, he applied the quantum theory to light to explain the photoelectric effect. In particular, he used the idea of light quanta (photons) to explain experimental results, but stressed the importance of the experimental results. The importance of his work on the photoelectric effect earned him the Nobel Prize in Physics in 1921.

Albert Einstein

de.wikisource.org/wiki/%C3%9Cber_einen_die_Erzeugung_und_Verwandlung_des_Lichtes_betreffenden_heuristischen_Gesichtspunkt

Die Grundlage der allgemeinen Relativitätstheorie

The publication of the theory of general relativity made him internationally famous. He was professor of physics at the universities of Zurich (1909–1911) and Prague (1911–1912), before he returned to ETH Zurich (1912–1914).

Albert Einstein

de.wikisource.org/wiki/Die_Grundlage_der_allgemeinen_Relativit%C3%A4sttheorie

Skills

Progamming

Data Coolection Tool

GIS & Spatial Analysis

Software & Version Control

Document Preparation

Languages

Bengali

Native speaker

English

Fluent

Interests

Physics

Certificates

Machine Learning

Jan 2018

Quantum Computing

Jan 2018

Quantum Information

Jan 2018

Projects

Quantum Computing

Jan 2018 – Jan 2018

Quantum computing is the use of quantum-mechanical phenomena such as superposition and entanglement to perform computation. Computers that perform quantum computations are known as quantum computers.

- Quantum Teleportation
- Quantum Cryptography

References

Professor John Doe

Professor Jane Smith