

# Sadman Shafiq

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## Personal Statement

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Dedicated researcher with a special interest in applied microeconomics and econometrics. Trained in advanced econometric techniques, as well as adept in using advanced data analysis software such as R, STATA and Eviews. Long term goals include gaining in depth knowledge in my field of interest through a Ph.D. degree and using that expertise to contribute to the economic development of the country - Bangladesh.

## Education

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2020 - 2022	<b>University of Dhaka</b> Master of Development Studies (MDS) in Development Economics Passing year: March, 2022 (tentative, CGPA: 3.72) Relevant courses: Research Methodology, Development Economics, Public Finance, International Trade and Development
2015-2018	<b>University of Dhaka</b> Bachelor of Social Science (BSS) in Economics Passing year: 2019 Relevant Courses: Advanced Microeconomics Advanced Macroeconomics Advanced Econometrics
2011-2013	<b>Notre Dame College, Dhaka</b> Higher Secondary School Certificate GPA: 5 out of 5
2009-2011	<b>Rajuk Uttara Model College, Dhaka</b> Secondary School Certificate GPA: 5 out of 5

## Work Experience

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December 2021 – Present	<b>Research Assistant (Quantitative) at BBC Media Action, Bangladesh Office</b> <b>Supervisor:</b> Arif Al-Mamun <b>Key Responsibilities:</b> <ul style="list-style-type: none"><li>• Maintain database on Rohingya Refugees</li><li>• Analyze and visualize the data</li><li>• Publication of the findings on the monthly publication named “What Matters?”</li><li>• Research report writing</li></ul>
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October 2019 –  
November 2020

**Research Assistant at Centre for Climate Change and Environmental  
Research (C3ER), BRAC University**

**Supervisor:** Dr. Ainun Nishat

**Projects:**

**1. Project Preparation Facility (PPF) of GCF funded project  
“Climate Resilient Sustainable Coastal Forestry”**

**Key Responsibilities:**

- Aid in designing baseline survey
- Survey questionnaire development
- Training enumerators for data collection
- Data analysis and visualization
- Research report writing

**2. Climate Induced Migration**

**Key Responsibilities:**

- Survey questionnaire development
- Data analysis and visualization
- Training enumerators for data collection
- Research report writing

June 2019 –  
September 2019

**Research Intern at Centre for Climate Change and Environmental  
Research (C3ER), BRAC University**

**Supervisor:** Dr. Ainun Nishat

**Projects:**

**1. Formulation of “Haor Report”**

**Key Responsibilities:**

- Assisting in conducting Baseline Survey Analysis on the Potential Beneficiaries from the project as well as on the Service Providers
- Contributing to the Survey Questionnaire Development
- Data analysis and visualization

December 2018 –  
May 2019

**Research Assistant (Part time) – Center for Critical and Qualitative  
Studies, University of Liberal Arts (ULAB)**

**Supervisor:** Dr. Kazi Mahmudur Rahman

**Projects:**

**1. Policy Options for Adapting Changes of Technology in Selected  
Manufacturing (RMG and Leather) and Service Sectors (IT and  
Financial): Bangladesh Perspectives**

**Key Responsibilities:**

- Contributed to Secondary Data Collection and Analysis
- Report writing

October 2018 –  
November 2018

**Research Assistant to Dr. Sayema Haque Bidisha, Professor,  
Department of Economics, University of Dhaka**

- Received Training on using statistical software such as R, STATA and E-views
- Data analysis for impact evaluation through Difference in difference with fixed effect estimation
- Received in-depth knowledge on Quantitative Research Methodology

## *Publications*

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- January 2021      Shafiq, S., Nipa, S. N., Sultana, S., Rahman, M. R., & Rahman, M. M. (2021). Exploring the triggering factors for mental stress of university students amid COVID-19 in Bangladesh: A perception-based study. *Children and youth services review*, 120, 105789. <https://doi.org/10.1016/j.chilyouth.2020.105789>

## *Research Interests*

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- Economic Growth
- International Trade and Connectivity
- Public Health
- Climate Change, Environment and Resource Economics
- Behavioral and Experimental Economics
- Public Policy and Governance

## *Other Research Experience*

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### **Probable causes of Terminations of Pregnancies (Miscarriages and Induced Abortions): Influence of Socio-economic Factors**

Undergraduate term paper

- Studied the factors that affect termination of pregnancies through miscarriages and induced abortions
- Collected data from Bangladesh Health Survey- 2014 (BDHS2014) dataset conducted by the National Institute of Population Research and Training (NIPORT), Ministry of Health and Family Welfare, Bangladesh.
- Utilized Ordinary Least Squares Estimation, Logit Estimation techniques

### **Consumption Smoothing and The Deaton Paradox in the context of Bangladesh**

Undergraduate term paper

- Examined the presence of the “Deaton Paradox” under rational expectations assumption in the context of Bangladesh
- Collected data from World Bank’s World Development Index (WDI) dataset
- Employed ARIMA model to determine the presence of excessive smoothness of consumption

## *Software Skills*

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- R
- STATA
- Tableau
- Power BI
- E-views
- SPSS
- SQL
- Microsoft Office Package

## *Language Certificates and Test scores*

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IELTS: **8** (Reading - 8, Listening - 9, Speaking – 7.5, Writing – 7)

GRE: **329** (Quantitative – 164, Verbal – 165, Analytical Writing Assessment – 4.5)

CEFR: German (A1)

## *Extra-Curricular Activities*

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- Participated in various paper presentation competition
- **General Secretary** of **Economics Study Center**, a club dedicated towards promoting economics research among undergraduate students
- Played a pivotal role in organizing the “**1<sup>st</sup> Bangladesh Economics Summit**” organized by Economics Study Center, University of Dhaka

## *References*

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### **Arif Al-Mamun**

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BBC MEDIA ACTION,  
BANGLADESH COUNTRY OFFICE  
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### **Dr. Rushad Faridi**

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