

# Maksuda Aktar Toma

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## EDUCATION

### University of Nebraska Lincoln, USA

- Master of Science in Statistics Aug 2023 – present

### University of Dhaka, Bangladesh

- Master of Science in Statistics Jun 2020 – Jun 2021
  - CGPA: 3.22 / 4.00
- Bachelor of Science in Statistics Jan 2016 – Dec 2020
  - CGPA: 3.28 / 4.00

## INTERESTS

Statistical Computing, Machine Learning, Actuarial Statistics

## EXPERIENCES

### Teaching Assistant , University of Nebraska Lincoln

- Job Responsibilities: Aug 2023 – Present
  - Teaching Undergrad Students
  - Helped with grading assignments and tests, providing constructive feedback to students based on results
  - Assisted teachers with classroom management and document coordination to maintain a positive learning environment
  - Supported classroom activities, tutoring, and reviewing work
  - Assisted in maintaining an engaging and respectful educational environment by promoting discipline and cooperation

### Research Officer, ASA, Bangladesh

- Job Responsibilities: Apr 2023 – Jul 2023
  - Research to evaluate program outcomes and identify future risks
  - Leading both qualitative and quantitative analysis using various methods
  - Creating interview questions, devising sampling, and ensuring quantitative data accuracy
  - Condensing interview transcripts and maintaining data quality
  - Analyzing research findings, assessing program outcomes, and disseminating the results.

### Research Assistant, Centre for Governance Studies (CGS), Bangladesh

- Job Responsibilities: Apr 2022 – Mar 2023
  - Conducting qualitative analysis of research data
  - Writing journal articles based on research findings
  - Facilitating focus group discussions using appropriate moderating techniques

### Intern, Ethical Trading Initiative(ETI), Bangladesh

- Job Responsibilities: Jan 2021 – Jul 2021
  - Data Analysis (both quantitative and qualitative), Variable sheet creation, PowerPoint presentation making
  - Data Compiling and Cross checking
  - Key Information Interview (KII) analysis and Focus Group Discussion (FGD)
  - Report Writing

## RESEARCH

- Worked in an Undergraduate project about "Advertising on Social Network sites" Oct 2019

## PROJECTS

## PUBLICATIONS

**Factors influencing non-academic achievements of Bangladeshi students- An online questionnaire based study (preprint),**  
<https://www.researchsquare.com/article/rs-410311/latest.pdf>

## SOFTWARE SKILLS

- R
- Python
- SAS
- STATA
- SPSS
- Graphic Design (Adobe Photoshop)
- Microsoft Excel, Word, PowerPoint

## CO-CURRICULAR

## ACTIVITIES

### General Secretary, Dhaka University Debating Society (DUDS)

### General Secretary, Shamsun Nahar Hall Debating Club (SNDC)

- Responsibilities: Participating in debate competitions and organizing different national and international debate competitions

**Volunteer, BADHAN - A Voluntary Blood Donating Organization**

- Responsibilities: Managing Blood Donors and donating blood

**AWARDS**

- Best Blood Donor at Shamsun Nahar Hall  
For donating blood the highest number of times 2022
- Runner up in 14th JUDO IV (Inter-Varsity) 2019  
For attaining a national-level debate competition
- Runner-up in the Annual Literature Cultural Competition at Shamsun Nahar Hall 2018  
For attaining an inter hall debate competition
- Runner up in Call Bridge at "Samad Smrity Tournament" 2018  
To attain in a sports competition
- Champion in Badminton Tournament 2016  
To attain in a sports competition in Inter-Varsity
- Champion in "Baroyari Debate" in 3rd RDA National Debate Festival 2013  
For attaining a college-level national debate competition
- Runner up in 1st RDA National Debate Festival 2011  
For attaining a school-level national debate competition