

SABBIR AHMED HEMO

Statistician with a demonstrated history of working in the research as well as data science for both industry and non-profit organizations. Skilled in R, Python, Shiny, Big Data and Machine Learning.



EDUCATION

2020
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2019

MS, Applied Statistics

University of Dhaka

Dhaka, BD

• CGPA: 3.81 out of 4.00

2018
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2015

BS, Applied Statistics

University of Dhaka

Dhaka, BD

• CGPA: 3.64 out of 4.00



JOB EXPERIENCE

2022

R/Shiny Developer

Appsilon

Remote

- Responsible for building enterprise quality Shiny Application for Fortune 500 companies.
- Currently working on supply chain analytics for one of the top pharma companies.
- Tech stack: R/Shiny, CSS, JS, Azure Data Bricks, Fluent UI, Github, etc.

2022
|
2021

Assistant Manager, Credit Analytics

IDLC Finance Ltd

Dhaka, BD

- My role includes developing machine learning models for loan underwriting automation and decision-making.
- Credit Analytics based on real time data. Generating insight answering business problem.
- MIS automation with code based apps.

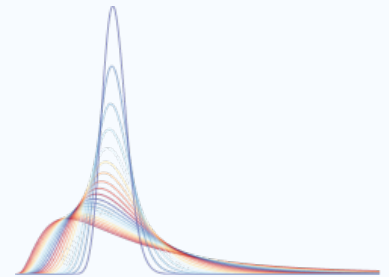
2021
|
2020

Research Associate

DataSense, iSocial

Dhaka, BD

- Worked on data pipeline to streamline data from BoP to consumers using the Shujog Platform
- Made data available as insights for users as dashboards (Shiny) and automated report (Rmarkdown)
- Deployed different ML model and classification algorithm on production using REST Services



CONTACT

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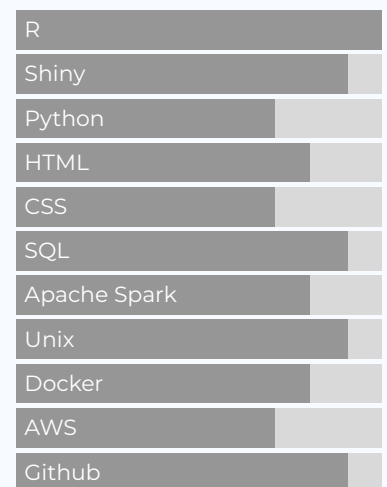
🐦 [SabbirHemo](https://twitter.com/SabbirHemo)

🌐 github.com/sahemo

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SKILLS



RESEARCH INTEREST

Bio-statistics particularly in
Missing Data
Machine Learning
Big Data Analytics

2020
|
2018



Consultant Statistician (Part time)

Grasp Industries Bangladesh

📍 Dhaka, BD

- Deployed CAPI forms to collect data and build dashboard to monitor survey process
- Created automatic report generation tools using real time data with Rmarkdown



PUBLICATIONS

2020



Performance of Inverse Probability Weighting Compared to Multiple Imputation for Missing Binary Outcomes in Cluster Randomized Trials

On preparation to submit



AWARDS AND SCHOLARSHIPS

2020



Student Conference Award

41st Annual Conference of the International Society for Clinical Biostatistics (ISCB)

📍 Krakow, Poland

- Awarded Student Conference Award for the paper on Performance of Inverse Probability Weighting Compared to Multiple Imputation for Missing Binary Outcomes in Cluster Randomized Trials

2020



NST Fellowship

Ministry of Science and Technology, GoB

📍 Dhaka, BD

- Received grants as NST Fellowship for thesis paper on Performance of Inverse Probability Weighting Compared to Multiple Imputation for Missing Binary Outcomes in Cluster Randomized Trials

2019



Best Poster Presentation Award

2nd International Conference on Applied Statistics 2019

📍 Dhaka, BD

- Awarded for the paper on Predicting Malnutrition Status of Under-Five Children Using Tree Based Models

2017



ISRT Scholarship

University of Dhaka

📍 Dhaka, BD

- Awarded for good academic performance



VOLUNTEER EXPERIENCE

2019
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2014



Advisory Member

United Nations Youth Advisory Panel in Bangladesh

📍 Dhaka, BD

- Worked as a technical advisor for UN agencies in Bangladesh
- Did different kind of surveys and FGDs
- Helped to organize different training session and workshop

2015



Central Youth Volunteer

Save the Children in Bangladesh

📍 Dhaka, BD

- Support NCTF program with technical assistance
- Did interviews and FGDs for the baseline survey of WASH project
- Organized different training session and workshop



MEMBERSHIP

2020



Member

International Society for Clinical Biostatistics (ISCB)

References

Dr. Anower Hossain
Associate Professor,
Institute of Statistical
Research & Training,
University of Dhaka.
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27, 2022.