Md Sabbir Ahmed

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Personal Profile

An undergraduate student from the Green University of Bangladesh is enrolled in computer science and engineering. Dedicated to data analytics, acquisition of skills and expertise, and specializing in algorithms and machine learning. Searching mostly for Machine Learning and data analyst positions.

Education

BSc in Computer Science And Engineering
Narayanganj, Bangladesh

Green University of Bangladesh
Feb 2022 - Current

- Led and represented the class as a Class Representative.
- **Courses:** Differential and Integral Calculus, Physics I, English for Academic Purpose I, Structured Programming, Ordinary and Partial Differential Equations and Coordinate Geometry, Physics Lab, Structured Programming Lab, Physics II, English for Academic Purpose II, Chemistry, Chemistry Lab, Data Structures, Linear Algebra and Vector Analysis, Data Structures Lab, Object Oriented Programming, Object Oriented Programming Lab, Digital Logic Design, Digital Logic Design Lab, Introduction to Electrical Engineering, Introduction to Electrical Engineering Lab, Engineering Economics, Statistics and Complex Variables, Computer Architecture, Algorithms Lab, Electronic Devices and Circuits & Pulse Techniques Lab, Database System Lab, Database System, Electronic Devices and Circuits & Pulse Techniques, Engineering Drawing, Functional Bengali, Algorithms

Higher Secondary School Certificate Examination
Narayanganj, Bangladesh

Govt. Tolaram College
Jul 2018 - Apr 2020

- Passed with Distinction **(GPA: 4.91 on a scale of 5)**
- Specialised in Physics, Chemistry, Maths

Secondary School Certificate Examination
Dhaka, Bangladesh

Agradut Bidyanikaton High School
Jan 2016 - Feb 2017

- Passed with Distinction **(GPA 4.89 on a scale of 5)**

Junior School Certificate Examination
Dhaka, Bangladesh

Agradut Bidyanikaton High School
Nov 2015

- Passed with Distinction **(GPA 4.70 on a scale of 5)**

Primary School Certificate Examination
Dhaka, Bangladesh

Tudshardhara High School & College
Nov 2012

- Passed with Distinction **(GPA 5 on a scale of 5)**

Certifications

Google Data Analytics Professional Certificate
Coursera.com

Google
Mar 2024

- Completed eight courses covering data analytics fundamentals, data preparation, statistical analysis, and R programming, SQL, Data Visualization
- Acquired Hands-on experience with industry-relevant projects and real-world scenarios
- **Technical Skills**:
  - Data cleaning and preparation using spreadsheets, SQL, and R programming
  - Descriptive statistics, hypothesis testing, and regression analysis
  - Data visualization using Tableau, Data Studio, and R
  - R programming for data manipulation, and statistical analysis.
- **8 Courses Breakdown:**
  - Ask Questions to Make Data-Driven Decisions
  - Foundations: Data, Data, Everywhere
  - Prepare Data for Exploration
  - Process Data from Dirty to Clean
  - Analyze Data to Answer Questions
  - Share Data Through the Art of Visualization
  - Data Analysis with R Programming
  - Google Data Analytics Capstone: Complete a Real-World Data Analysis Project.
- For reference or proof of completion, visit here in this website

Python for Data Science 101

IBM

CognitiveClass.ai

August 21, 2023

- Gained foundational expertise in Python programming through a rigorous and fast-paced course, enabling me to create efficient scripts and utilize Python's adaptability for data analytic purposes.
- Acquired hands-on proficiency in Python scripting and leveraged Jupyter-based environments to perform insightful data exploration and analysis, fortifying my data science skillset.
- **Technical Skills**:
  - Python Programming
  - Numerical Computing with NumPy
  - Data Analysis
  - Data Manipulation with Pandas
- For reference or proof of completion, visit here in this website

Workshop on Python Programming in a Pragmatic Approach

Green University of Bangladesh, Rupganj, Narayanganj

Organized by Green University Computer Club, Permanent Campus & Green University of Bangladesh Alumni Association CSE

22 August, 2022

- Acquired knowledge on pragmatic Python programming through an immersive workshop, empowering me to craft solutions tailored to real-world challenges and leverage Python's versatility in diverse practical applications
- Acquired a robust arsenal of hands-on Python skills by successfully completing an intensive pragmatic programming workshop, fortifying my ability to translate theoretical concepts into functional, problem-solving code seamlessly.
- For reference or proof of attendance, visit here in this linked-in page

Work Experience

Green University Photography Club

Green University of Bangladesh, Rupganj, Narayanganj

General Secretary And Treasurer

April 2024 - Present

- Spearheaded numerous initiatives as the driving force behind the Photography Club
- Served as the General Secretary and Treasurer, adeptly managing administrative operations
- Expertly handled financial planning and resource allocation for seamless execution of club activities.
- Orchestrated captivating exhibitions showcasing the club's artistic prowess
- Fostered an inclusive environment, actively recruiting and mentoring new members
- Fortified the club's foundations for sustainable growth through collaborative leadership
- Propelled the Photography Club to unprecedented heights
- Cemented the club's reputation as a premier creative hub on campus through unwavering dedication
- **Technical Skills:** Leadership and Team Management, Data Analysis, Budgeting and Financial Management, Event Management
- **Soft Skills:** Teamwork, Time Management and Multitasking, Communication, Attention to Detail

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Green Robotics Society

Green University of Bangladesh, Rupganj, Narayanganj

Executive Member

April 2024 - Present

- Newly joined the Green Robotics Society, eager to actively participate and contribute to the society's initiatives.
- Passionate about robotics and keen to develop practical skills in engineering, programming, and problem-solving.
- Committed to supporting the society's event management team, offering assistance in logistics, volunteer coordination, and on-site tasks.
- Excited to collaborate with experienced members, leveraging their expertise to enhance personal growth and professional development.
- Willing to take on additional responsibilities and contribute to the society's projects, exhibitions, and outreach programs.
- **Technical Skills:** Robotics Programming, Project Management, Data Analysis and Visualization, Documentation and Technical Writing

Data Analysis Projects

The Relation between GDP and IMR

Leeds, UK

Feb 2022 - Apr 2022

- Analysing data from 1960 to 2020 and discover patterns in the data that show trends between Gross domestic product per capita, Infant Mortality rate, Literacy Rate, and Industrial Development.
- Study cross-sectional, longitudinal, and among various countries to find variations in trends and get the historical data to back up the change in the trend of our data.
- Specific case studies were traced back to trends seen in the UK and how they affected the GDP and IMR.
- **Technical Skills:** Tableau, Overleaf, LaTeX.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

IPL Analysis

- Analysing data from 2008 to 2015 to discover patterns such as trends, correlations, and probabilities.
- Finding the differences between the best teams and players in various fields, as well as their performance on the field and the opponents.
- **Technical Skills:** Python with Pandas, matplotlib, Seaborn.
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

Study of the behavior of Serial Killers

Feb, 2024

- Study of serial killers behavior with various motives such as convenience (did not want children or spouse), enjoyment, power, escape, or avoiding arrest.
- Finding patterns in their starting and ending ages (when they are caught) and other factors of killing, as well as how it varies with different motives.
- **Technical Skills:** R with ggplot2, tidyr, R Markdown.
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking.

Skills

Programming	Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), R(ggplot2), PHP, C/C++, HTML/CSS, JavaScript, SQL.
Miscellaneous	Linux, Shell (Bash/Zsh), LaTeX(Overleaf/R Markdown), Tableau, Microsoft Office, Firebase, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2024	**3rd Runnerup**, Go Abstract Contest 2024 By CETL	*Bangladesh*

Interests

Touring	I love touring. I love visiting mountains, hills, seas.
Linux	I recently switched to linux OS, which gives me so much freedom.
Photography	I have always enjoyed clicking since I was a child. Recently, I am working with my university photography club.
Video Games	I always had the gaming gene. I mostly play on my phone and occasionally on my laptop.
Swimming	I started swimming when I was 12. Going through submerged things while holding my breath was the most exciting part.

Languages

English	Professional proficiency
Bangla	Native proficiency
Japanese	Novice level, Able to understand some words, Basic knowledge of letters, and as well as can speak at a beginner level

References available upon request.