

Application: 3616313776

Mahbubur Rahman - blackmahbub@gmail.com
MSD Datathon 2023

Summary

ID: 3616313776

Application Form

Completed - Apr 9 2023

Application Form

Personal Information

What is your phone number?

Please enter your phone number in the correct format.

+491746353236

What country are you located in?

Germany

What city do you live in?

Berlin

No Responses Selected

If required, are you willing/able to relocate if you received a job offer?

Yes

Please upload your resume

[MahbuburRahmanCV.pdf](#)

Filename: MahbuburRahmanCV.pdf **Size:** 54.7 kB

I am currently...

A Student

Education History

What is your highest level of education (you completed or are currently pursuing)?

Master's

What is/was your major or area of study?

Please select 'Other' if not listed.

Computer Science & Mathematics: Computer Science & Programming

What is/was your GPA? (4.0 Scale)

4.0

What is the name of the school where you obtained or are pursuing your highest level of education?

(No response)

Other, please specify

Berliner Hochschule für Technik (BHT)

What is/was your graduation year? (YYYY)

2023

Employment History

How many years of total work experience do you have?

1

Publications & Awards

Data Science Publications

no

Data Science Awards

no

MSD Questions

Are you interested in a position with MSD?

Responses Selected:

Internship

Full-time

Please let us know your preferred location for your full-time employment

Responses Selected:

Prague, Czechia (Czech Republic)

Boston, MA

Cambridge, MA

Will you now or in the future require sponsorship for employment in the location you've selected?

Responses Selected:

Yes

How did you learn about the MSD Datathon?

Social media (Instagram, Facebook, Reddit, TikTok, Twitter, etc.)

Final Questions

What is your gender?

Man

Please indicate how you identify yourself.

Responses Selected:

Asian (including Indian subcontinent and Philippines)

Please indicate if you identify as any of the following:

No Responses Selected

Please provide a link to your LinkedIn profile

<https://www.linkedin.com/in/blackdiamond2022/>

Privacy Notice

CorrelationOne shares information and data collected through the process with other organizations.

Only people with a legitimate need to know (e.g., Merck & Co., Inc. Rahway, NJ, USA., Human Resources) will be privy to this information. Do you provide consent for your information to be shared?

This authorization shall continue indefinitely, unless I otherwise revoke this authorization in writing.

I accept

Assessment

Completed - Apr 9 2023

Assessment

Please read BEFORE starting the assessment

- We recommend using Google Chrome, and taking the assessment using a desktop or laptop
- Please have a four-function calculator ready for the entirety of the assessment
- Have a stable internet connection
- Please note that it is not permitted to copy and/or publish any of the test content

Directions:

- This assessment will be timed, once you start the assessment you will need to finish it within the allotted time
- You will be able to go back and forth between questions and can answer the questions in any order before the time ends
- Once you click on submit on the last question (or you run out of time), you will not be able to edit any of your answers

Confirm you have read the directions above to access your assessment:

No Responses Selected

Mahbubur Rahman

Data Scientist

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<https://www.linkedin.com/in/blackdiamond2022>

Data Scientist & Software Developer who loves to play with data and gain valuable insights from data to deliver services that go beyond organizational expectations, creating a win-win scenario for everyone involved.

QUALIFICATIONS SUMMARY

Data Analysis

- Skilled in processing, analysing, and visualising data by utilising Python & R.
- Expertise in technical knowledge of programming, analytical skill, data modelling, relationship, and information extraction.
- Good in data engineering and ML/AI engineering

Project Management

- Talent for managing multiple software development projects from start to finish within constraints.

Team Collaboration

- Ability to work and collaborate with cross-functional teams to attain collective goals and shared vision.

Other Skills

- Possess excellent communication, organisational, analytical, and technical, and bug fixing.

EXPERIENCE HIGHLIGHTS

Berlin University of Applied Sciences

10/2020 to Present

and Technology, Berlin, Germany

Student, Master's degree, Data Science

Gain knowledge of Python Programming, Statistics, Mathematical Models, Machine Learning 1, Machine Learning 2, Natural Language Processing, Data Science Application Design and Workflow, Learning from Images, Urban Technologies, and Data Visualizations. Completed courses successfully with good grades and aligned with my future role in data science and engineering.

U Impact – impact4good GmbH, Berlin

12/2021 to 12/2022

Data Scientist (Internship)

This is a Berlin Fin-tech Start-up with the mission to mobilize capital for sustainability. The company offers B2B clients a white-level solution in the form of an intuitive fund exploration tool along with behavioral analytics.

- Designed and automated a mapping pipeline as data association and extracting task to replace manual mapping resulting in time and cost reduction.
- Contributed as a peer reviewer of back-end developer including REST API service workflows, data dictionary and database design from raw dataset, while serving as a tester to test the features in the front end.
- Provided important input during team meetings as well as aiding in understanding raw datasets and extracting relations among tables.
- Determined the raw datasets to prepare datasets that were utilised for designing the databases of web applications.

Nomitri, Berlin

10/2019 to 02/2020

Java Software Engineer (Working Student)

Nomitri is a deep-tech AI startup based in Berlin. We provide deep-learning Edge & Embedded Visual AI solutions for Retailers.

Supported in implementing a proof of concept of shopping cart using product image data and bar-code scanning data. Crafted few detailed python codes for internal utility packages.

Educational Background

Master's degree, Data Science

Berlin University of Applied Sciences and Technology, Berlin (BHT), Germany, 2020 to Present

Master's degree, Global Software Development – Completed Theoretical Courses

Fulda University of Applied Sciences, Fulda, Hessen, 2017 to 2019

Undergraduate, Computer Science and Engineering

International Islamic University Chittagong, Chattogram, Bangladesh, 2005 to 2009

Project Highlights

News Classifier v1.1 | Berliner University of Applied Science and Technology | Data Scientist | Classifier Program | Berlin, Germany | July, 2021

This is a small project which I did on my "Data Science Application Workflow and Design" course. In this project, I created a news classifier which classifies different news titles into political, business, sport etc. I used python, sklearn, numpy to code this classifier model. I chose Decision Tree Classification algorithm and for hyper parameter optimization, I used K-fold Cross Validation method.

Fashion Wizard (Similar Cloth Search using a Image Key) | Berliner University of Applied Science and Technology | Data Scientist | Image Processing with AI | Berlin, Germany | 9th February, 2022

This application could be used in the online store or chatbot. In the chatbot, the customer can give a picture of a cloth. The chatbot can quickly search that cloth in the store and display the exact same or some similar clothes to the customer. Here similarity means the similar patterns and textures in the clothes. It is a more time saving and effective way of cloth search in the online store using the chatbots. This also helps customers to make quick and correct decisions through visualisation of exact or similar clothes which have different colours and textures.

Brazilian e-commerce store: Olist | Berliner University of Applied Science and Technology | Data Scientist | Ecommerce Data Project | Berlin, Germany | 17th July, 2021

In the university data science master program, I with another 2 students did the data analysis and data visualization on a large Brazilian e-commerce store named "Olist" as a project work of "Data Visualization" course. I answered the following research questions: Which are the explanatory variables or features that influence to calculate the top products of the e-commerce store? Calculate and visualize the top products of the e-commerce store using the explanatory variables or features that are selected from the principle component analysis. Tools: R Studio, GGplot, Waffle, Spider charts for data visualizing, R Markdown for reporting.

Design Parking Spots | Berliner University of Applied Science and Technology | Data Scientist | Data Analytical Project | Berlin, Germany | January, 2022

During my data science masters courses, I participated in a datathon in Berlin in 2022. There I worked on datasets of 1 district in Berlin and later I included this dataset with data of another district in my project of one data science course. I prepared a dataset from those 2 datasets of 2 Berlin districts to design parking spots. I illustrated some important findings which are helpful for the district city council officials.

Additional Experience

Fulda University of Applied Sciences, Fulda, Hessen, Student Research Assistant, 08/2019 to 06/2019 | Internship (Research & Development), 10/2018 to 03/2019 | Java Software Engineer (Working Student), 06/2018 to 09/2018

Amitaz Limited, Chattogram, Bangladesh, Software Engineer (Remote Java Developer), 04/2014 to 03/2017

Shafi Motors Limited, Chattogram, Bangladesh, Freelance Java Developer, 12/2014 to 11/2015

Nazdaq Technologies Inc, Dhaka, Bangladesh, Senior Java Developer (Tech Lead), 04/2013 to 02/2014 | Java Developer, 08/2012 to 03/2013

Enterprise Solution Alliance Ltd, Chattogram, Bangladesh, Software Engineer, 02/2011 to 07/2012

SG Research and Development (Pvt) Ltd, Chattogram, Bangladesh, Junior Software Engineer, 0/2009 to 01/2010

Professional Memberships

- Member, Chittagong Open-Source Network (COSN)
- Executive Member, Computer Club, Department of Computer Science & Engineering, International Islamic University Chittagong, 2006 to 2009

Technical Proficiencies

Group	Skill	Level
Language	Python	Intermediate
	R	Intermediate
	SQL	Intermediate
Theory	Statistics	Intermediate
	Data Mining	Intermediate
	Data Analytics	Intermediate
	Machine Learning (ML) algorithms	Intermediate
	Artificial Intelligence (AI) algorithms	Intermediate
	Pattern Recognition	Intermediate
	Database Modeling	Intermediate
	Extract, Transform, Load (ETL)	Intermediate
	NLP	Intermediate
	Object Oriented Modeling, Design and Programming	Intermediate
Library and Packages	Pandas	Intermediate
	Scikit-Learn	Intermediate
	Beautiful Soup	Intermediate
	Tensorflow	Beginner
	NLTK	Intermediate
Tools	AWS Glue DataBrew	Intermediate
	AWS Athena	Intermediate
	MS Excel	Intermediate
	Jupyter Notebook	Intermediate
	Rapid Minner	Intermediate
	R Studio	Intermediate