

Mizanur Rahman

B.Sc. in Computer Science & Engineering

Daffodil International University

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Career Objectives

Eager to leverage my academic background and hands-on experience in real-world projects to excel in Master's program and become an expert in the field of Computer Science by utilizing technical knowledge and skills gained throughout the academic and professional journey.

Educational Qualifications

Level	Major	Institute	Passing Year	CGPA/GPA
B.Sc Eng	CSE	Daffodil International University	2021	3.19/4.00
HSC	Science	Netrokona Govt. College	2016	4.33/5.00
SSC	Science	Dutt High School	2013	4.75/5.00

Computer Programing Skills

Programming Sector	Language Skills
Procedural Language	C
Object Oriented Language	Java, C++
Web Client Side Scripting Language	JavaScript, jQuery, Ajax
Web Server side Scripting Language	Python
Web Design Language	Html, CSS
Framework	Django
.NET Programming Language	C#

Database Programming Skills

Database Programming Sector	Skills
Database Server	MySQL, Oracle, MS SQL
Quarry Language	SQL

Other Computer Skills

1. Operating System: All Windows, Ubuntu, Raspbian OS, Linux, Mac OS.
2. Data Analysis, Office: Microsoft-Excel, Word, PowerPoint; Google – Sheets, Docs, Slides.
3. Adobe Photoshop, DNS, and FTP servers.

Professional Period

I worked as a web developer, where I was responsible for designing the front-end of websites using HTML, CSS, Tailwind CSS, JavaScript, and React.js.

Project in Academic Period

Project Name	Used Environment	Remark
Inline Bus Ticket Booking System	HTML,CSS,PHP,SQL,server and JavaScript	Internet Programming
Garments management System	C# and SQL server	Software development project
Library Management System	JAVA and Oracle server (Distributed Database)	Database management project
Home automation System	Raspberry pi and other electrical appliances	Microprocessor and interfacing
Cluster Computing	Multiple Raspberry Pi s.	Software development project
QR Code Scanner	Camera module, Open CV, and Raspberry Pi.	Micro-controller Project

Mathematical Skills

Calculus, Geometry and Differential Equations, Linear Algebra and Vector Analysis, Matrix, Statistics, Complex Variable and Fourier analysis, Discrete Mathematics, Mathematical Analysis.

Language Skills

1. Bangla: Native
2. English: B.Sc. In English medium
3. IELTS: 5.5

Undergraduate Thesis

“Disease detection of plant by using of machine learning” under the supervision of Md. Abbas Ali Khan, Assistant Professor Dept. of Computer Science and Engineering, Daffodil International University, Bangladesh.

- Analyzed the learning process of AI, especially the Reinforcement Learning algorithm.
- Systematically tuned and optimized hyper parameters of the Reinforcement Learning algorithm to enhance its performance in disease detection scenarios on a planetary scale, considering factors like exploration-exploitation trade-offs and convergence speed.
- Developed and employed realistic simulation environments that mimic the conditions of the target planet to facilitate extensive testing and training of the AI model, ensuring it can adapt effectively to the specific challenges posed by the planet's unique characteristics.
- Investigated methods for making the AI's decision-making process more interpretable and explainable, allowing stakeholders and mission planners to better understand the AI's actions and trust its recommendations during planetary disease detection missions.

Co-Curricular Activities

1. Attended ACM ICPC Dhaka regional in 2017, 2018, DIU IUPC 2017,2018,2019.
2. Problem-solving in URI online judge.
3. Member of DIU cultural club and DIU photography Club from 2017- 2019.
4. I was a member of Dutt High School's Cricket Team from 2010 to 2012.
5. Secretary of Education and Literary of Agrani Sangha from 2013-2016.

Personal Information

Name Mizanur Rahman
Father's Name MD A Razzaq

Mother's Name Mina Akter
Date of birth 20th May 1997
Permanent Address Islampur, Meher Ali Road, Netrokona Sadar, Netrokona, Bangladesh.
Present Address Islampur, Meher Ali Road, Netrokona Sadar, Netrokona, Bangladesh.
Nationality Bangladeshi
Sex Male
Religion Islam
Marital Status Single
Interest Learning about new things, Travelling, Reading, Gaming.
Blood Group B+(ve)

Experience

Company Name	Position	Duration
Time Research And Innovation	Junior Web-Developer	February 1,2022 to June 30, 2023

References

- Md. Abbas Ali Khan
Assistant Professor
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Signature of the applicant