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# MD MOIJUL ISLAM

Computer Science Student

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## Website

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## GitHub

<https://github.com/md-moijul>

## Profile

A goal-oriented Computer Science student with a good grasp of Python. Have a strong background in database and frontend programming. As part of my Placement Year, I am seeking for an Developer Internship. I am eager to gain experience and expand my skills by working in a professional environment.

## PROJECTS

### Online Store:

Worked on a Group of five to create a Web-Based Store with advanced database functionalities. Used Python framework Flask for the Back-End, CSS and JS for the Front-End. SQLite to solve the problem of selling items outside of our website. It is a miniature version of a Real-life online store.

### Tic-tac-toe with three level difficulty:

It was a fun project which I did on my own. I used Python to build the game and used Tkinter to display professional standard Graphical User Interface. I have implemented three level difficulty (Expert mode being impossible to beat).

### Finding Global Minima with Genetic Algorithm:

Created an algorithm to create a Random population and used a genetic algorithm to find the Global Minima. Used STBLISKI-TANG Function and DIXON-PRICE Function to make the algorithm more efficient.

### Accommodation System:

Team of three made a Multi-functional GUI system for Student Hall where Manager, Warden and Student can interact with a single python app.

### Discord Bot

Made a bot for personal Discord server, where the bot could reply with basic Q&A , tell a joke (from API) and play rock-paper-sizer game, etc

All and more available on GitHub

## Skills

Python	●●●●○
C Programming	●●○○○
JavaScript	●●○○○
SQLite	●●●●○
Oracle	●●●○○
HTML & CSS	●●●●○
MS Office	●●●●●

## Languages

English	IELTS Band 7	●●●●○
Bangla	Native	●●●●●
Hindi	Intermediate	●●●○○
Urdu	Intermediate	●●●○○

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## Work Experience

### King Of Spice Restaurant and Takeaway, Bradly Stoke, Bristol

Supervisor and Waiter (September 2021 – Present)

- In Charge of all transactions, sales, and customer hospitality
- Smoothly processed incoming orders, managed over 200 Transactions per evening.
- Served up to 35 people every evening.
- Supported as a Delivery Driver when needed.

### Next Home and Garden, Cribbs Causeway, Bristol

Sales Assistant (October 2021 -April 2022)

- Responsible for meeting, greeting, and providing prominent levels of Customer Service
- Provided accurate, professional, and efficient Service. Maintained standard in a high-pressured environment.
- Effective contribution of sales target

### Frampton Balti Restaurant, Frampton Cotterell, Bristol

Kitchen Porter (May 2021- September 2021)

- Performed general maintenance duties, including mopping, washing dishes, keeping stock, etc.
- Worked as a team also alone depending on the situation.

## Education

### University of The West of England, Bristol.

2021-Present (2<sup>nd</sup> Year)

BSc (Hons) in Computer Science

#### Modules Include and Gain Knowledge & Skills

##### Advanced Algorithm:

Implemented Trees, Data Structures, Time, and Space complexity, some of the famous algorithms like Sorting, Greedy, Pattern matching, Parallel, Streaming algorithm, etc.

##### Artificial Intelligence:

Designed Evolutionary Algorithm, Collective Intelligence, Neural Networks, Reinforcement Learning works. Build a Genetic Algorithm.

##### Software Development Group Project:

Improved ability to work as a part of a cross function team. Built a full-fledge Web Based Store. Used professional standards planning and testing.

##### Advanced Software Development:

Worked in an Agile Development Environment. Learned how to work in a group. Improved Python Skills with Tkinter.

##### Machine Learning:

Built and Trained several types of Machine Learning models, like classification, regression, Support Vector Machine, Artificial Neural Network.

##### Operating System:

Learned about how Operating System interact with hardware, process and threads. computer memory works, Implemented Argument Passing and SysCalls.

### UWE International College, Bristol.

2020-2021

International Year One in Computing

Passed with 72% overall

#### Modules Include:

C Programming,  
Digital Evidence,

Web Development,  
Computer Architecture,

Principals of Computing,  
Digital Design,