**MD MOIJUL ISLAM**

Computer Science Student

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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 IT 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

**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 (2nd 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,