

Rifat Chowdhury

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EDUCATION

Honours Bachelor of Science, Computer Science Co-op
Brock University, St. Catharine's, Ontario

September 2019 – Present

LANGUAGES & TECHNICAL SKILLS

- Excel in coding efficiency using Java and C++ within popular IDEs such as IntelliJ, Eclipse, and Visual Studio, with expertise in Array manipulation, Recursion, ADT, Interfaces, Complexity Analysis & Data Structures.
- Adept at utilizing GitHub, Jira & Miro for Release Planning and managing Product Backlogs.
- Skilled in creating standard websites by working with HTML and CSS.
- Proficient in designing 3D models using Maya.
- Well-versed in utilizing Azure, Microsoft Suite, Adobe Suite, Maple, Discord, and YouTube Studio, demonstrating a comprehensive understanding of various computer-related tasks.
- Possess advanced knowledge of Applied Calculus, Statistics, and Micro/Macroeconomics.
- **Languages:** English - Fluent in speaking, writing, and listening; Bengali - Fluent in speaking, writing and listening; Hindi - Fluent in speaking and listening; Urdu - Fluent in speaking and listening.

WORK EXPERIENCE

Promotions & Marketing Student Coordinator **September 2022 - April 2023 | September 2023 – April 2024**

Brock University Student Union, St. Catharine's, Ontario

- Spearheaded initiatives to enhance student engagement and awareness of Union services, events, and governance at Brock University. Successfully promoted a wide range of campus events and activities, ensuring students remained connected and informed.
- Demonstrated adaptability and a strategic mindset by actively participating in diverse events throughout the semester. Responsibly addressed the organization's extensive responsibilities, ensuring students were not only entertained but also motivated, contributing to a vibrant and engaged campus community.
- Showcased adaptability through prompt responsiveness to evolving trends and student preferences, ensuring the sustained relevance and appeal of promotional activities throughout the academic year.

Corridor Co-op Associate of Operations

January 2022 – August 2022 | May 2023 – August 2023

Ministry of Transportation, St. Catharine's, Ontario

- Act as a debugger in the system provided to me to constantly try my best to break the system using the provided tools to find major bugs so that they can be reported to the development team and fixed for maintenance which enhances customer service and accessibility.
- Attend different meetings to contribute to the development and enhancement of online projects by providing recommendations, and advice and reporting potential issues/irregularities in the system.
- Assisted the team with the deployment of a Mapping tool in ArcGIS which keeps track of all the files and applications related to permits, general inquiry & pre-consultation.

Promotions & Marketing Student Coordinator

September 2022 – April 2023

Brock University Student Union, St. Catharine's, Ontario

- Responsible for bringing awareness to the students about the Union's services, events, and governance in Brock by promoting all sorts of events and activities occurring around the campus to make sure all the students are engaged and able to network.
- To fill the needs of the organization and its large scope of responsibilities, I had to work in a variety of events to ensure all the students were entertained and motivated throughout the semester displaying an adaptive and strategic mindset.

Customer Service Team Member**May 2021 – December 2021**

KFC, St. Catharine's, Ontario

- Maintain a fast-paced working environment in the drive-through/front cashier during busy times by taking incoming orders, assisting customers, handling order payments, restocking food products and helping with KFC/Taco Bell packing when necessary.
- Developed fluency in multiple roles such as a Drive Trough Representative, Front Cashier, Cook and KFC Packer by dealing with customers specified custom orders, making decisions on the spot to ensure food quality and making sure the customer gets what they requested.
- Ability to work independently on the respective team member roles when understaffed or busy times, training recruits and working in a disciplined manner within a team.

Store Clerk**May 2020 – November 2020**

Avondale Convenience, St. Catharine's, Ontario

- Communicated with customers in person and over the phone by actively listening and answering any questions to create a positive experience.
- Provided in store assistance to the clients checking out the items and giving suitable product suggestions.
- Handled customer conflicts and deescalated serious situations while maintaining a healthy and calm environment in the store.

ACADEMIC PROJECT

Spaceship Landing Shuttle Animation – Maya**December 2024**

Introduction to 3D Modelling and Animation (COSC 2P96), Brock University, St. Catharine's, Ontario

- They were designed and modelled ultra-realistic spaceship and space platform, showcasing advanced object modelling and texture skills.
- Produced visually stunning animations with dynamic camera angles, employing rigging techniques for realistic movements.
- Implemented special effects, including a realistic smoke effect during landings, demonstrating a blend of technical proficiency and creative vision.

Maze Path Finder - Dr java**March 2023**

Introduction to Data Structures (COSC 1P03), Brock University, St. Catharine's, Ontario

- Used a recursive algorithm to find a path from a random starting point to a specified ending point by checking all possible ways until the end coordinates are found.
- Managed to generate a path by indicating symbols and notifying when the path is invalid.

Book Cypher Assignment – Dr. Java**February 2022**

Introduction to Data Structures (COSC 1P03), Brock University, St. Catharine's, Ontario

- Developed a code which manages to read a text file while converting it into an encrypted file and later decrypting it into a readable format like the original content.
- Creates 128 arrays of linked list which stores nodes & has 2000 iterations for randomly sorting the linked lists with those 128 array indices.

VOLUNTEER & EXTRACURRICULAR EXPERIENCE

Social Media Coordinator**May 2022 - Present**

Golive Music Club, Brock University, St. Catharine's, Ontario

- Planning, Creating, and Implementing banners/posters to advertise future events or information related to the club.
- Utilizing different graphic designing software to create posters, and banners and suggest creative ways to attract more customers and promote the club.

Youth Reading Mentor**February 2020 – April 2020**

Rotary Club of St. Catharine's Lakeshore, Ontario

- Created a positive profile with kids by encouraging their improvement while they read a book and getting feedback on what they learned from the book.
- Making sure to retain their attention and explaining the moral of the stories.

REFERENCES AVAILABLE UPON REQUEST