

Royian H. Chowdhury

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Junior Software Developer

Debugging & Testing | Database Analysis | Agile-Trained

SUMMARY OF QUALIFICATIONS

- Student of Software Engineering Technology specializing in Artificial Intelligence
- A strong communicator with proven skills in collaboration and problem-solving
- Knowledge of C++, C, SQL, JSON, C#
- Skilled in using MEAN Stack: MongoDB, Express, Angular, and Node
- Tools: MS Office, MS Access, Jira, GitHub, Visual Studio
- Operating Systems: Windows, Oracle, Linux, Unix
- Artificial Intelligence: Foundational knowledge of machine learning, data visualization, data modelling, natural language processing and recommender systems

EDUCATION

Software Engineering Technology - Artificial Intelligence Advanced Diploma (Co-op) Jan. 2022 – Current

Centennial College, Toronto, ON

Relevant Courses:

Programming 1	Programming 2	Intro to Database Concepts
Advanced Busn. Comm.	Soft. Eng. Fundamentals	Software Requirements Eng.
Web Interface Design	Unix/Linux Operating System	Java Programming
Web Application Development	Client-Side Web Development	Intro to Artificial Intelligence

ACADEMIC PROJECTS

Web Design - HTML, JavaScript, CSS

- Designed a responsive weather website which used an API key
- Created a real estate webpage with several interactive pages and form

SQL E-Commerce Database

- Collaborated with a group of classmates and created a sample E-Commerce Database
- Used primary keys and foreign keys to connect tables together
- Used Agile methodology within a team

Fraction Calculator GUI Application - C#

- Created a GUI app using .NET, which allows one to add, subtract, multiply and divide fractions
- Created functions and classes and applied design skills to the GUI application

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EXPERIENCE

Junior Software Engineer Project:HumanCity (remote) Feb. 2023 – Current

- Create Diagrams for new systems
- Create research reports on ideas that can be implemented into the system
- Communicate with other developers to receive updates and information

Junior Data Engineer DesignBot, Montreal, Quebec (remote) Feb. 2023 – Current

- Load & deserialize rapidxml C++ to read and parse SVG files
- Organize and serialize data to turn it into a vector
- Creating copies of an original file and testing the duplicate SVG files with different parameter

Tutor, Mathematics The Talent Academy, Toronto, ON Oct. 2022 – Feb. 2023

- Provide tutoring at the high school level for mathematics, including advanced functions, data analysis and pre-calculus concepts
- Demonstrate clear and concise communication skills, with the ability to explain technical concepts
- Assist students in setting learning goals, and support preparation for assignments and tests

Prep Cook Cora, Toronto, ON Nov. 2021 - Feb. 2022

- Prepare food orders focused on breakfast and lunch within a fast-paced, high-volume setting.
- Operate kitchen and food preparation equipment per health and safety standards
- Ensure all dishes meet Cora guidelines, with attentiveness to allergies and customization requests
- Demonstrate strong collaboration and communication skills with front and back-of-house teams

COMMUNITY INVOLVEMENT

Volunteer	Masjid Bilal, Toronto, ON	Aug. 2022 – Current
<ul style="list-style-type: none"> • Primed and painted interior walls • Removed old carpets and helped to install new ones • Maintain cleanliness in the washrooms and vacuumed the prayer halls for service 		
PACTCOOKING-Intermediate	Artscape Youngplace, Toronto, ON	Nov. 2019 – Jan. 2020
<ul style="list-style-type: none"> • Cooked food and baked goods, of which some were donated to local feeding programs and food banks in the community • Created dishes from a variety of cultures and learned about cultural diversity in food • Worked in groups where communication was essential for success • Practiced knife-handling skills 		
Culinary Course Participant	Covenant House, Toronto, ON	Jun. 2019 - Aug. 2019
<ul style="list-style-type: none"> • Learned various types of knife-cutting techniques • Acquired Food Handler's Certification and WHIMS training • Learned to make a variety of recipes and kitchen etiquette • Support with food services through the preparation of food and beverages 		
PACTCOOKING-Introduction	Artscape Youngplace, Toronto, ON	Nov. 2018 – Jan. 2019
<ul style="list-style-type: none"> • Cooked food and baked goods, of which some were donated to local feeding programs and food banks in the community • Learned about nutrition and food safety 		
<ul style="list-style-type: none"> • Learned from culinary professionals about kitchen etiquette • Learned basic knife-handling skills 		