Ryan MacDonald

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GitHub: github.com/RyanMacDonald845

Professional Summary

Second-year Information Technology: Software Development student at New Brunswick Community College (NBCC) with experience developing applications, working with databases, and solving programming problems. A fast learner with strong problem-solving skills and an interest in software development and new technologies.

Technical Skills

Programming: C#, JavaScript, HTML, CSS, SQL, Java, C++
Development: Object-Oriented Programming, Algorithms, Database Design, Debugging, Problem Solving
Tools: .NET, Windows Forms, SQL Server, Git, GitHub, Linux, CMake, Figma

Education

New Brunswick Community College (NBCC) - Moncton, New Brunswick
Information Technology: Software Development - Expected Graduation: 2027

Projects

ClickTrackSoftware - C#, Windows Forms, NAudio

- Developed a desktop click-track application with playlist functionality and a simple dark interface designed for live performances.

Tic-Tac-Toe - C#

- Created a Tic-Tac-Toe game using a custom algorithm to control the computer opponent.

BLISS Band Website - HTML, CSS, JavaScript, GitHub Pages

- Developed and maintained a band website and connected it to the custom domain blissofficial.ca through DNS configuration.

Work Experience

City of Miramichi - Boat Rental Attendant - Miramichi, New Brunswick

- Assisted customers with rentals, safety equipment, waivers, and safe boat launches.
- Completed first aid and Paddle Canada canoe training.

Frikot - Cashier - Miramichi, New Brunswick

- Served customers, processed transactions, prepared food, and maintained a clean and organized work area.
- Opened and closed the store independently, including preparing food and completing opening and closing tasks.

A&W - Team Member - Miramichi, New Brunswick

- Provided customer service, handled cash, prepared orders, and trained approximately 7 employees.
- Worked efficiently during busy periods while maintaining accurate orders.

Boathouse - Sales Associate - Moncton, New Brunswick

- Assisted customers, organized merchandise, stocked products, and maintained a clean and organized store.

Certifications & Languages

Training: First Aid, Paddle Canada Flatwater Canoe Training
Languages: English – Fluent, French - Fluent