

## Emmanuel Richmond

📞 647-761-6794 | ✉️ emman774@hotmail.com | Toronto, ON

Bilingual: Native-level English & French | GitHub: <https://github.com/ERichmond11> | Personal Site: [emmanuelrichmond.ca](http://emmanuelrichmond.ca)

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## CAREER PROFILE

Versatile and results-driven **IT professional & emerging software developer/engineer** with a solid foundation in full-stack programming, technical problem-solving, and bilingual client support. Proven ability to design, build, and troubleshoot applications across multiple languages and frameworks. Adept at collaborating with cross-functional teams to deliver reliable, user-focused solutions.

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## TECHNICAL SKILLS

**Languages & Frameworks:** Java, Python (pandas, NumPy, Flask), C/C++, C#, Haskell, SQL(MySQL / PostgreSQL), Shell (Bash), JavaScript(ES6+), HTML5, CSS, React, Node.js

**Tools & Platforms:** Git & GitHub, Docker, AWS (EC2 / S3 / Lambda), Azure, SharePoint, Microsoft Access, Jira, Agile/Scrum, Windows, Linux/Unix, CI/CD, Postman

**Other Skills:** Data management/analysis, Debugging & System troubleshooting, Unit & integration / Automated testing, Version Control Workflow, Bilingual communication (English/French)

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## EDUCATION

**Bachelor of Computer Science (Honours)** – Carleton University – *June 2025*

**Ontario Secondary School Diploma** – École Secondaire Jeunes Sans-Frontières (2018)

Awarded 3 International Baccalaureate Certificates: HL Math, French, English

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## PROFESSIONAL EXPERIENCE

### Software Developer Intern

*Council of Ministers of Education, Canada* | May 2025 – September 2025

- Assisted in developing and maintaining internal web tools used by staff for data management and reporting.
- Wrote and debugged Python and JavaScript scripts to automate repetitive IT support and data-handling tasks.
- Collaborated with the IT team to integrate system monitoring features and improve workflow reliability.
- Managed user authentication and access control through internal software dashboards.
- Delivered bilingual (English/French) user support and training for newly deployed software systems.

### Software Developer Intern

*QTech Software* | Ottawa, ON | Oct 2024 – Apr 2025

- Designed and implemented internal **web applications** improving workflow efficiency.
- Wrote clean, maintainable **Python** and **JavaScript** code following best practices.
- Created **unit and integration tests**, reducing production bugs and improving stability.
- Collaborated with product teams to define requirements and deliver features on schedule.
- Authored **technical documentation** to support long-term maintainability.

#### **Bilingual IT & Operations Coordinator (Summer 2024)**

*SIRVA BGRS Worldwide Inc.* | Ottawa, ON |

- Led daily relocation planning deployment sessions for **Canadian Armed Forces** personnel.
- Audited and processed expense claims with 100% compliance to federal guidelines.
- Recommended process improvements to boost efficiency.

#### **Bilingual Technical Support Specialist (Full Time Remote)**

*CIBC* | North York, ON | May 2023 – Mar 2024

- Delivered bilingual technical assistance for **online banking and mobile applications**.
- Guided clients step-by-step through troubleshooting, restoring services promptly.
- Coordinated with specialized teams to resolve escalated technical issues.

#### **Bilingual Seasonal Merchandiser (Part-Time)**

*PepsiCo Beverages Canada* | Ottawa, ON | May 2022 – Aug 2023

- Maintained grocery store product displays across Ottawa ensuring compliance with marketing plans and planograms.

#### **Sales Advisor (Part-Time)**

*Hudson's Bay* | Ottawa, ON | May 2021 – April 2022

- Assisted customers with product selection and purchases, delivering personalized service to drive sales and enhance customer satisfaction.

#### **Sales Associate (Part-Time)**

*Footlocker* | Ottawa, ON | September 2019 – April 2020

- Provided product knowledge and customer support to drive sales, maintain store standards, and ensure a positive shopping experience.