

## **GAMELLE MEGANTCHE**

1359 Labrie Avenue, K1B 3M2, Ottawa, Ontario

Email: gamellemegantche@gmail.com | Phone: 437-971-8524 | [My Portfolio](#)

---

### **SUMMARY**

- 4th year Software Engineering student with a strong foundation in data structures, algorithms, and system design.
  - Over 2 years of hands-on experience in software development, database management, and data analysis.
  - Proficient in Java with experience in backend systems, data handling, and web development.
  - Fully bilingual in French and English with excellent communication skills.
  - Fast learner with proven ability to quickly adapt to new tools such as Git, Azure DevOps, and database systems.
  - Skilled in troubleshooting and improving data workflows and system performance.
  - Recipient of multiple academic scholarships, including the University of Ottawa Admission Scholarship (2021), Faculty of Engineering Scholarship (2022), and Sports Electronics Scholarship (2025).
- 

### **RELEVANT EXPERIENCE**

#### **Software Developer – Database Project (UnborderED)**

*University of Ottawa | May 2025 – Aug 2025*

- Designed and built a bilingual opportunity database using Wix CMS .
- Developed dynamic search and filtering features to improve user navigation.
- Managed bilingual content and automated data validation processes.
- Documented the system to ensure smooth maintenance and handover.

#### **Software Developer – CO-OP**

*Immigration and Refugee Board of Canada | Sep 2024 – Dec 2024*

- Developed data processing solutions for internal applications using TypeScript and SQL.
- Optimized database queries and system performance.
- Improved application logic through code reviews and agile sprints.
- Analyzed data patterns to enhance user experience.

#### **Software Developer Intern & Team Lead**

*Wouessi | Feb 2025 – Mar 2025*

- Built and improved backend systems with Node.js and MongoDB.
- Developed responsive web interfaces using React and Tailwind CSS.
- Worked with user analytics to guide development priorities.
- Led technical initiatives and resolved performance issues.

#### **IT Support & Systems Analyst**

*Immigration and Refugee Board of Canada | Jan 2024 – Aug 2024*

- Resolved complex technical issues through structured troubleshooting.
- Managed secure databases and user configurations.
- Documented technical procedures and solutions.
- Ensured stable system performance during high-demand periods.

## Programming Assistant (CO-OP)

University of Ottawa | May 2023 – Aug 2023

- Processed and structured educational content with Python, HTML, CSS, and JavaScript.
- Improved accessibility and usability of digital resources.
- Organized large datasets to make information easier to find.

---

## EDUCATION

### Bachelor of Applied Science in Software Engineering (CO-OP)

University of Ottawa — Expected Graduation: 2026

Relevant Coursework: Data Structures and Algorithms · Database Systems · System Design · Human-Computer Interaction · Full-Stack Web Development · Software Architecture

---

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, SQL, HTML/CSS

**Technologies & Frameworks:** Node.js, React, MongoDB, Microsoft SQL Server

**Tools & Platforms:** Git, Azure DevOps, Wix CMS/Velo, MS Teams, VPN Clients

**Data & APIs:** Database design and optimization, data processing, API integration and development

**Development Practices:** Agile methodology, version control, documentation, testing

---

## ADDITIONAL EXPERIENCE

Academic Tutor — *Succès Scolaire* (Mar 2023 – Jan 2025)

Youth Volunteer Tutor — *Toronto Ouest High School* (2021)

Sales Associate — *H&M, Ottawa* (Summer 2025)

---

## STRENGTHS & QUALITIES

- **Problem-Solving:** Able to break down complex challenges and create clear solutions.
- **Data-Focused:** Experience in database optimization and data processing.
- **Teamwork:** Leadership experience in technical projects and academic settings.
- **Adaptability:** Quick to learn new technologies and workflows.
- **Research Mindset:** Strong skills in documentation and structured investigation.