

# MEGAN DAOUST

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## EDUCATION

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### Université du Québec

January 2023 - December 2026

*Bachelor's, Computer Science*

GPA: 9.16

- Participated in Quebec Hackfest 2024
- Student Representative of the Computer Science Department Council

### Cegep de l'outaouais

August 2020 - December 2022

*Associate's, Sociology*

## SKILLS

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**Programming languages:** Java, JavaScript, Python, SQL, HTML, CSS, Bash

**Frameworks and Libraries:** Node.js, Java Swing, JUnit, Dart, React.js

**Databases:** PostgreSQL, MySQL

**Operating Systems:** Linux/Unix, Windows, MacOS

**Other:** Data Structures, Algorithms, Git, Github Actions, Jenkins, Postman, Microsoft Word, Excel, Outlook, Azure DevOps

## PROFESSIONAL EXPERIENCE

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### Employment and Social Development Canada

Gatineau, QC, Canada

*Data Analyst Intern*

December 2024 - Present

- Analyze large datasets to provide insights for decision-making at ESDC.
- Develop statistical models and machine learning algorithms to solve complex problems.
- Collaborate with cross-functional teams to identify trends and optimize processes.
- Create data visualizations to communicate findings to stakeholders.
- Use Python and R for data manipulation and analysis.

### Sephora

Gatineau, QC, Canada

*Beauty Advisor*

September 2023 - Present

- Provide excellent customer service by understanding their needs and finding appropriate solutions with accuracy and courtesy.
- Handle complaints and returns professionally and efficiently.
- Communicate clearly with customers, colleagues, and supervisors.
- Adapt to new procedures, products, and technologies in the store.

### Government of Canada

Ottawa, ON, Canada

*Human Resources Assistant*

March 2024 - December 2024

- Manage and maintain employee files, including personal information.
- Manage a schedule and meet tight deadlines.
- Prepare offer letters, invitations, result letters, and other staffing-related documents.

**Universite du Quebec**

*Receptionist*

**Gatineau, QC, Canada**

*August 2023 - March 2024*

- Manage new member registrations and keep existing member information up to date.
- Organize and manage the schedules of classes, trainers, and equipment.
- Handle unforeseen situations or emergencies calmly and efficiently.

**Chef Thierry**

*Sous-Chef*

**Gatineau, QC, Canada**

*April 2023 - August 2023*

- Manage stress well in stressful or high-importance situations.
- Ensure that all prepared dishes meet quality and presentation standards.
- React quickly and effectively to last-minute changes and unexpected events.

## **PROJECTS & OUTSIDE EXPERIENCE**

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**Containerized Web Application with CI/CD Pipeline and Kubernetes Orchestration**

*September 2024 - October 2024*

- Built and containerized a Python/bash based RESTful web service using Docker for deployment.
- Configured a Continuous Integration pipeline with Jenkins/GitHub Actions for automated unit testing, linting, and image builds.
- Deployed the containerized application to a Kubernetes cluster and exposed it using a LoadBalancer service for external access.
- Managed code repositories with Git, implementing branching strategies and pull request workflows to ensure code quality.

**Canadian wine Sales Database Project**

*July 2024 - August 2024*

*Wine Sales Database Project*

- Designed and managed a database for a wine sales management system, including tables for producers, wines, buyers, and sales transactions.
- Developed stored procedures to automate the addition of new sales and price updates, with data validation and transaction management to ensure data integrity.
- Wrote complex SQL queries using joins, subqueries, aggregations, and conditional clauses to extract detailed and meaningful reports on sales, producers, and customers.

**Event-Driven Programming Application, Optimization of a Public Transport System**

*February 2024 - May 2024*

- Conceptualized, coded, and tested a Java application that optimizes a public transport system.
- Implemented Dijkstra's algorithm by coding a graph class containing routes and stops.
- Tested each class with JUnit to ensure quality and proper functionality of the program.
- Developed a comprehensible and bug-free graphical user interface (GUI) that includes drop-down menus (JScrollPane), JButtons, and graphic drawings.

**Microservice-Based Request and Expense Management System**

*July 2024 - August 2024*

- Gathered and documented functional and non-functional requirements using Cradle-SE Pro.
- Categorized requirements and ensured traceability between different project phases.
- Integrated microservices with existing systems and databases.
- Conducted unit tests, integration tests, and performance/load testing.
- Established monitoring tools for performance tracking and incident management.