# Daniel Kolawole

514-415-8624 | [dotunkolawole5@gmail.com](mailto:dotunkolawole5@gmail.com) | [linkedin.com/in/Daniel](https://linkedin.com/in/Daniel) | [github.com/Daniel](https://github.com/Daniel) | [danielkolawole.com](https://danielkolawole.com)

## EDUCATION

**Carleton University**                                                                              Sept. 2021 - May 2026

*Bachelor of Computer Science*                                                                                  *Ottawa, ON*
- **Major:** Computer Science Honors
- **Relevant Coursework:** DBMS, Fundamentals of Web Applications, Object-Oriented Software Engineering(C++), OOP, Design and Analysis of Algorithms, Data Structures and Algorithms

## EXPERIENCE

**Electronic Questionnaire Development  Specialist**                                          Jan. 2025 - Present

*Statistics Canada* - Questionnaire Design Centre                                                               *Ottawa, ON*
- Designed and developed electronic questionnaires, focusing on process automation to improve data collection efficiency.

**Data Analytics Specialist**                                                                        Sept. 2024 - Dec 2024

*ECCC - Digital Service Branch*                                                                              *Gatineau, QC*
- Analyzed Environmental Policy, Business Glossary, and HR data, identifying and correcting data quality issues with Python to ensure accuracy and reliability.
- Automated data cleansing and validation, reducing manual errors and increasing efficiency in data processing.
- Visualized data quality insights in Power BI, supporting stakeholder awareness and data-driven decision-making.
- Structured and created a Microsoft Dataverse database from unorganized costing data with tiered user permissions.
- Developed data standards to ensure consistency and quickly resolved discrepancies for reliable reporting.

## PROJECTS

**[Dishcovery](#)** | *Javascript, Vite.js, React, Tailwind CSS*
- Built a responsive recipe finder app using the EDAMAM Recipe Search API, enabling users to search and save recipes with real-world data.
- Implemented a custom logic to search the web for relevant tutorial videos based on each recipe, enhancing user experience with guided instructions.
- Developed React components (e.g., Sidebar, Recipe Cards) and styled with Tailwind CSS for a modern, responsive UI.
- Used local storage to retain favorites across sessions, deployed on Vercel, and managed version control with Git.
- Simplified recipe discovery and preparation by linking user preferences with guided instructions.

**AED Plus** | *C++, Qt framework*
- Designed and developed a software simulation for the AED Plus system with a focus on GUI and real-time feedback.
- Modules include cardiac arrhythmia detection and user interaction in emergencies.
- Produced comprehensive design documentation covering system architecture, functionality, and user interaction details.
- Modeled realistic arrhythmia detection to mimic device behavior with reliable patterns and optimized response timing.

**[Kritique](#)** | *Python, Flask, MongoDB, Vite.js, AI APIs*
- Developed a full-stack online review platform using AI to analyze and summarize numerous user comments, delivering quick, meaningful insights on websites
- Designed a seamless interface with Vite.js and integrated a Flask backend with MongoDB for secure, real-time data management.
- Enabled users to make quick, informed decisions with AI-powered summaries, transparent reviews, and crowdsourced monitoring, minimizing time spent on the platform.

## TECHNICAL SKILLS

- **Language & Databases**: Python, Java, JavaScript, C, C++, SQL, MongoDB, Haskell
- **Web Development**: ReactJS, HTML, PHP, Tailwind css, Node.js, Next.js
- **Frameworks & Tools**: Windows, Linux, Git, GitHub, Make.ai, Vite.js, AWS S3, AWS Lambda, Flask
- **Developer Tools**: VS Code, Visual Studio, QtCreator, BASH, CMD, Microsoft 365, JIRA, Valgrind, GCC, IntelliJ

## EXTRACURRICULAR SKILLS

**Other Experience**: Mr.Lube, Jiffy Lube (Service Advisor), IKEA Ottawa (Sales Associate), The Door Youth Center(Supervisor)
**Non-technical Skills**: Teamwork, Communication, Time-management, Problem-Solving, Leadership, Adaptability, Multitasking, and Attention to Detail.