

# Anas Khelifa

343-202-3825 | [anas.khelifa@proton.me](mailto:anas.khelifa@proton.me) | [linkedin.com/in/anas-khelifa/](https://www.linkedin.com/in/anas-khelifa/) | [github.com/Anas0909](https://github.com/Anas0909)

## EDUCATION

---

### University of Ottawa

Ottawa, ON

*Bachelor of Science in Computer Science (Co-op)*

*Sep 2021 – Dec 2025*

- Major Courses: Data Structures and Algorithms, Databases, Computer Architecture, Software Engineering

## EXPERIENCE

---

### Software Developer

Jan 2024 –

*Statistics Canada*

*Ottawa, ON*

- \* Worked with a team of developers on a data parsing project, improving data analysis efficiency at Statistics Canada.
- \* Developed data parsing scripts in Python, using Jupyter Notebook for development and visualization.
- \* Implemented unit testing to ensure script reliability and accuracy.
- \* Managed metadata for organized data set documentation and access.
- \* Handled pickled datasets for efficient data storage and retrieval.
- \* Used SAS for advanced data manipulation and analysis.
- \* Utilized GitLab for version control and GitLens in VS Code for code debugging.
- \* Addressed technical issues and provided solutions to maintain project continuity.

### Software Developer

May 2023 – Sep 2023

*Muskoka Cab Company*

*Alfred, ON*

- \* Collaborated with a team of engineers to design and implement automation solutions, significantly improving the efficiency and productivity of the company's assembly line.
- \* Utilized the Kortex API to program robotic arms, enabling seamless communication between software and hardware components, and optimizing the robot's performance.
- \* Developed sophisticated algorithms that facilitated precise sanding of doors and efficient cabinet construction, reducing errors and minimizing production time.
- \* Conducted rigorous testing and debugging procedures to ensure the reliability and accuracy of the automation.
- \* Played a vital role in troubleshooting technical issues and providing innovative solutions.

### Bell Technician

May 2022 – Sep 2022

*Bell Canada*

*Ottawa, ON*

- \* Installed and maintained all plant-related infrastructure, such as fibre optic cable, fixed wireless networks, and customer-owned interior wiring, including home networking.
- \* Put in 50 to 60 hours a week with the largest internet provider in Canada, which has over 20 million members. Working overtime was necessary to complete projects on schedule.
- \* Dealt with clients who were intoxicated, irate, or didn't speak English.
- \* Behaved like a sales representative when conversing to customers to offer Bell products.

## PROJECTS

---

### Web Application | *JavaScript, Node, HTML, CSS, json*

- \* Developed a web application utilizing JavaScript, Node.js for the server side, and HTML/CSS for the front end.
- \* Designed and implemented the application's structure, including four main pages: Home, Automotive News, Car Reviews, and Community Forum.
- \* Crafted a consistent user interface with a shared header and footer across all pages, promoting easy navigation.
- \* Employed advanced CSS techniques to style web pages, ensuring responsive design and a nice user interface.
- \* Managed application data using JSON files, enabling efficient data storage, retrieval, and manipulation for dynamic content updates.

## TECHNICAL SKILLS

---

**Languages:** Java, Python, SQL (Postgres), HTML/CSS, Go, Prolog

**Frameworks:** JUnit, KortexAPI, unittest, Tkinter, Pyqt, Pandas

**Developer Tools:** Github, Gitlab, Visual Studio Code, IntelliJ, Eclipse, Android Studio, Jupyter notebook