

# Benjamin Ollomo

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## SUMMARY OF SKILLS AND QUALIFICATIONS

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**Front End** | JavaScript (React, Node) • HTML • CSS

**Back End** | JavaScript (Express) • Java (Spring) • Python (Django) • SQL (MySQL) • RESTful APIs • C++

**Data Science** | Python (Matplotlib, TensorFlow, Pandas, Scikit-Learn) • Excel

**Testing/Deployment** | Jest • AWS (S3, RDS)

**Developer tools** | Git • npm • Agile Methodology • Figma

**Operating Systems** | Windows11 • MacOS • Linux

**Languages** | English (Fluent) • French (Fluent)

**Licenses & Certifications** | AlgoExpert Certificate • Excel Training Program

## EDUCATION

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### Bachelor of Engineering – Computer Engineering C-Edge

Concordia University, Montreal, QC

2021 – 2026(Expected)

- Member of the Institute for Co-operative Education
- Relevant Courses: Software Process, User Interface Design, Operating System, Computer Architecture, Programing Methodology, Data Structure and Algorithms

### Udemy Certificate of Completion– “Data Science : Complete Data Science and Machine Learning”

Udemy

2024

- Relevant Topics: Data Science Skillsets, Python for Machine Learning, Math for Machine Learning, Statistics for Data Science

## PROJECTS

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### Sustainable City Carpooling Platform (Team Project)

2024

- Developed a carpooling web app for “PolyHacks 2024” focusing on sustainable urban mobility
- Led the database design using MongoDB Atlas to manage user info and logins
- Created carpooling matching algorithms with Javascript for optimal user connections
- Implemented secure user authentication with Auth0 for a seamless login experience
- Worked in a team of three, showcasing teamwork and problem-solving skills

**Core Competencies:** Full-stack dev, MongoDB Atlas, Node/Express.js , Auth0, Team Collaboration

### Real Estate website (Academic)

2023

- Developed an interactive web platform that supported essential real estate activities and functionalities
- Developed server-side logic to implement functionalities such as property listings, search and filter functions
- Implemented Agile development methodologies collaboratively within a team of five
- Built a MySQL database to managing listings, user data, offers, and requests

**Core Competencies:** Full-stack Development, MySQL, AWS RDS, Node/Express.js, Unit Testing

### Breast Cancer Prediction (Academic)

2023

- Developed a predictive model to diagnose breast cancer using k-trees and ball-trees algorithms, enhancing accuracy in identifying cancerous cells
- Processed, analysed, and trained the model with 700 patients' cell samples
- Implemented the solution in Java
- Deepened expertise in machine-learning through hands-on model development

**Core Competencies:** Data Analysis, Machine-Learning Algorithms, Java Programming, Problem Solving

### Portfolio Website (Personal)

2024

- Designed a deployed my own personal portfolio website, showing a range of projects and technical skills
- Leveraged AWS S3 for efficient hosting
- Used bootstrap for responsive design, achieving optimal viewing across various devices and screen sizes

**Core Competencies:** Frontend development, Cloud Deployment, Responsive Design

### Sudoku Game (Personal)

2023

- Crafted a backtracking algorithm to dynamically generate solvable 9x9 Sudoku puzzles, ensuring varied and challenging gameplay
- Designed a user-friendly interface with Python's Pygame framework

**Core Competencies:** Front-end development, C++ Programing, Python Programming, User Interface Design

## WORK EXPERIENCE

### Service Staff, Shift-Lead

April 2022 – December 2023

Falafel Yoni, Montreal, Quebec

- Led a team of 3, ensuring tasks met expected standards
- Managed daily stock orders and cash register operations

**Core Competencies:** Leadership, Teamwork, Customer Service,

## INTERESTS

<b>Technology</b>	Regularly read articles, and watch podcasts covering technology news
<b>Photography</b>	Enthusiastic photographer and photo editor
<b>Martial Arts</b>	Train Brazilian Jiu Jitsu