

SUMMARY

- Looking for a **software development new grad position starting May 2025**
- Improved project **efficiency** by **30%** and problem-solving accuracy by **20%** through **leadership**, research, **teamwork**, and analytical skills
- Developing a tech solution to create **500 jobs** in **Africa** within a year.
- Bilingual** (English/French), **sport lover**, and **manager** of sports and **AfroTech-focused** Instagram accounts.

EDUCATION

Honors BSc in Computer science | University of Ottawa, Ontario |May 2025

- GPA: 9.4/10 | Dean’s Honor List | Roger Guidon Scholarship Recipient | Jean Pierre Martin Memorial scholarship**
- Relevant courses:** Data Structures and Algorithms, AI, Date science, Cryptography, Data communication and networking, Computer vision, Database management, UI Design, Discrete Structures, Modeling and simulation.

SKILLS

- Programming languages:** Python, Java, PHP, C++, C, Go, Scheme, Prolog
- Web Development:** HTML, CSS, JavaScript, React.js, React Native, jQuery, Bootstrap, Node.js, Express.js, AJAX, Dart
- Frameworks & Libraries:** PHP Laravel, OpenCV, Flutter, Wix studio, TensorFlow
- Databases:** MySQL, PostgreSQL, Firebase, SQL
- Tools & Platforms:** Git, GitHub, Eclipse, Android Studio, Windows, TensorFlow, CMS
- Learning:** Kotlin, Vue.js, Angular, AWS, Google Cloud, Spring, Next.js, Scala

WORK EXPERIENCE

Teaching assistant – University of Ottawa

January 2025 – April 2025

- Supervising tutorials and labs in **Go, Prolog, Scheme**, and **Java**, assisting students with coding and debugging.
- Evaluating assignments and providing feedback to enhance understanding of programming paradigms.

Full Stack developer – Bease

April 2024 – now

- Built a job-matching platform with a responsive **React.js** front end and a **Laravel** back end.
- Designed **MySQL** databases and secure **RESTful APIs**, integrating global payment systems.

Web developer internship - Vosyn AI

May 2024 – August 2024

- Developed a responsive video-sharing platform with **React.js** and **Redux**.
- Conducted unit tests using **Jest**, ensuring seamless **API** integrations.

Technical support - Teleperformance Canada

July 2022 – March 2023

- Resolved macOS and iOS issues, enhancing resolution speed and customer satisfaction.

Developer Intern - Rainbow CL

October 2019 – March 2020

- Created dynamic websites using **HTML, JavaScript, PHP, Bootstrap, jQuery**, and **Wix**, integrating **MySQL** databases for efficient data management.

RELEVANT PROJECTS

**AI Trainer for Movement Exercise Recognition (Python, AI, Computer Vision, TensorFlow, OpenCV)**  
Developing an AI-powered system using TensorFlow and OpenCV to detect, count, and evaluate exercise movements in real-time. The trainer assesses form and provides corrective feedback, ensuring proper technique. Designed for fitness, rehabilitation, and sports training applications, with the flexibility to operate in diverse environments.

**Brick Breaker Game (C++ programming language)**  
Coded a brick Breaker Game showcasing my skills in **C++ programming** language and the **OOP concepts**. The player controls the paddle with the left and right key of the keyboard and the aim is to break all the bricks with the ball.

**DGroup website (Wix, Python, Flask)**  
Developed the **website (frontend and backend)** for a security company based in Ivory Coast using **Python Flask** and **Wix** as a **CMS**. The site features an admin login for management and allows users to submit quotes and view the services offered.

**Android Mobile App (Java, Android studio, Firebase)**  
Using **UML concepts, Java, Firebase** and **Android studio**, I developed a **mobile application** that implements basic functionalities for the services offered by a fictional province, allowing citizens to obtain a driver's license, photo ID, health card and many other services.

**E-Hotel website (HTML, CSS, Angular, PostgreSQL, Java, Express.js, Node.js)**  
Developed a hotel reservation **Web App** for a virtual hotel chain. Designed a robust database using **PostgreSQL** for real-time room availability checks and online booking. Demonstrated ability to deliver scalable solutions and collaborate effectively in hospitality sector.

**Video Surveillance person recognition (GO version, Scheme version, LISP version, Python, Computer vision)**  
Created a computer vision solution leveraging Python and OpenCV for person re-identification across video frames. Utilized histogram intersection for similarity matching, achieving accurate identification for surveillance and security systems. Developed in **Python** and **OpenCV**, with additional versions in **Go, Scheme**, and **Lisp**, this project effectively utilizes color histograms for enhanced identification accuracy.