

Olivier Niyonshima

niyo0030@algonquinlive.com | [linkedin.com/in/olivier-niyonshima/](https://www.linkedin.com/in/olivier-niyonshima/) | [My portfolio](#) | github.com/OlivierNDev

EDUCATION

ALGONQUIN COLLEGE

Computer Programming and analysis
Major in Software development and Data analysis.

Ottawa, CA
Expected July 2027

PROFESSIONAL EXPERIENCE

Zuba House

Software Engineer and Data Analyst, parttime

Remote
Jul 2024-current
Gatineau, Qc

- Tracked KPIs and trends for data-driven decisions, reducing inefficiencies by 15%.
- Built a real-time engagement dashboard, boosting user retention by 10%.
- Created automated reporting tool, saving 4 hours weekly in data compilation.

HERE FOR YOU Program by Street Bridge Foundation

UI/UX Design

Hybrid
July 2023 - July 2024
Kigali, Rwanda

- Led UI/UX design improvements, enhancing user experience and engagement.
- Developed user-centered prototypes and wireframes for program features.
- Conducted usability testing, gathering feedback to refine interfaces for accessibility and effectiveness.

CardX Ltd

Onsite
October 2022- June 2023
Kigali, Rwanda

Junior Software Engineer

- Developed an AI chatbot for improved user interaction and support.
- Designed and implemented Stock Management Software to streamline inventory tracking.
- Created a Customer Loyalty Card system with embedded QR codes to boost customer retention.

EXTRACURRICULAR EXPERIENCE

New Covenant Bible Church

onsite , Ottawa,ON
November 2024- current

Technical Support Specialist , Part-time

- Provided technical support for live streaming, audio setup, and quality checks to enhance service accessibility.
- Conducted photography and video editing for church events and services.
- Currently developing the church website to expand online presence and community engagement

Purolator Inc.

onsite, Ottawa,ON

Delivery Assistant, Part Time

October 2024- Current

- Assist drivers with delivery information, track routes, and analyze data to optimize operations, enhancing organizational, communication, and data analysis skills in logistics.

FEDEX, Part Time

Logistic Clerk

onsite , Gatineau,QC

August -September 2024

- Managed package sorting, scanning, and tracking with a focus on accuracy and efficiency, contributing to streamlined logistics operations and timely deliveries.

RONA+ , Part Time

onsite, Ottawa(Kanata),ON

Sales Associate and Customer Service

March -August 2024

- Delivered exceptional customer service, managed inventory, handled cash through POS systems, and maintained organized displays to ensure a positive shopping experience and efficient store operations.

AMAZON , Part Time Warehouse Associate

onsite , Montreal , QC

October 2023- Feb 2024

- Assisted in package sorting and fulfillment, ensuring accurate order processing and timely shipments, while maintaining a high level of efficiency and adhering to safety protocols in a fast-paced warehouse environment.

PROJECTS & VOLUNTEERING

ZeroX Tech

Jan 2021

- Founded ZeroX Tech to teach basic web programming to young Africans, with a special focus on empowering girls through tech education. I conduct remote weekend classes, helping students build foundational programming skills. Additionally, I assist graduates in securing internships with companies across Africa, providing mentorship and career guidance. We are still developing ZeroX and working on launching its website to expand our reach and impact.

Mediku ChatBot

Feb 2022

- Mediku, an AI-powered healthcare chatbot, was developed as part of an initiative to improve healthcare accessibility in Rwanda and across Africa. The project has gained attention from the Minister of ICT of Rwanda, who has recognized its potential to enhance the healthcare system by providing instant, reliable information on symptoms, treatments, and medication. Currently, we are in negotiations with the Ministry to either sell the project or collaborate on further development, aiming to scale its impact and integrate it into the broader healthcare system to benefit more users across the continent
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CERTIFIED MEMBER

Canadian Association of IT Professionals (CIPS) Member

Ottawa, CA

November – Present

- As an active and certified member of CIPS, I am part of Canada's premier organization for IT professionals, committed to promoting high standards, ethics, and innovation in the tech industry. CIPS provides valuable networking, certifications, and resources that support professional growth. With a strong presence across Canada, CIPS plays a pivotal role in shaping IT practices and advancing the technology sector nationwide.

TECHNICAL SKILLS AND INTERESTS

Technical Skills and Interests Languages: Python, JavaScript, PostgreSQL, Java, , HTML/CSS, PHP, MongoDB, Frameworks/Libraries: React, Node.js

Tools: VSCode, Git, Pycharm,sublime text, Suite, Office 365, Arduino IDE, Eclipse IDE, Android Studio,

Interests: Active basketball and soccer player; former varsity athlete in football and track. Enjoy helping others, traveling, and trying new things.