Olivier Niyonshima

Gatineau, QC J9H 5W5 | 4375577487 | niyo0030@algonquinlive.com

LinkedIn   GitHub   Portfolio website

Algonquin College , ON Expected Graduation: July

2027 in Computer Computer Programming and

Analysis.

Languages:SQL ,Java,JavaScript,HTML5,PHP, Shell

scripting (GNU/Linux)

Frameworks/Tools: Oracle (Object-Relational

Database Management System) MySQL,GNU/Linux

command-line tools and utilities

Skills

Programming Languages: SQL (PL/SQL), Java, JavaScript, HTML5, PHP, Shell scripting (GNU/Linux)

Databases: Oracle, MySQL

Version Control: Git/GitHub

Tools/Software: GNU/Linux command-line tools, Oracle SQL Developer, MySQL Workbench, Bash scripting

Web Development: HTML5, JavaScript, PHP

OS: GNU/Linux (OS fundamentals, command-line tools)Linux (OS fundamentals, command line tools)

Work History

Data Analyst Intern
Zuba House, Online | August 2024 - Current

- Analyzing sales and customer data to identify trends and insights, improving decision-making for inventory management and marketing strategies.

- Collaborating with the development team to optimize data collection processes and reporting dashboards.
- Supporting management in data-driven decision-making through reports and visualizations using Excel, Python, and SQL.
- Assisting with the integration of e-commerce data into business analytics systems.

UI/UX Designer, Here4U Program

MTN Rwanda, Kigali, Rwanda | July 2023 - September 2023

- Conducted user research and created prototypes to enhance user experience for web and mobile applications.
- Collaborated with developers to ensure design feasibility and consistency across digital platforms.
- Analyzed user feedback for continuous design improvement and usability enhancement.

Junior Software Engineer & Technician

CardX Ltd, Kigali, Rwanda | January 2023 - June 2023

- Designed and developed Stock Management Software to streamline inventory tracking and management.
- Created the company's website for online deliveries and advertisements, improving customer engagement and sales.
- Introduced and designed a Customer Loyalty Card system embedded with QR codes to enhance customer retention.
- Provided technical support for hardware repairs and software troubleshooting across the company.
- Assisted in the setup and maintenance of the company's IT infrastructure, ensuring smooth operations.

Weather Forecasting Intern

Meteo Rwanda, Kigali, Rwanda | August 2022 - December 2022

- Assisted in the analysis of meteorological data to improve forecasting accuracy for national and regional reports.
- Collaborated with senior meteorologists to produce daily weather forecasts for diverse sectors including agriculture and aviation.
- Contributed to climate research projects, focusing on weather pattern analysis and environmental monitoring.
- Participated in outreach programs to educate local communities on the impact of weather and climate change.

Education

Bachelor of Science in Computer Programming And Analysis Expected in July 2027
Algonquin College, Ottawa, ON

- **Relevant Coursework:** Database Systems, Operating System Fundamentals (GNU/Linux), Object-Oriented Programming (Java), Web Programming, Technical Communication for Engineering Technologies, Data Structures and Algorithms, Software Engineering.

Extracurricularsandawards

- Teaching Assistant for Web Programming at Zerox (Winter 2024)
- Participant in Codepath Intermediate Technical Interview Prep Course (2023)
- Participant in SuaCode2 Africa Course (2023)
- Winner of KOICA Science Fair (2023)
- 2nd Place at East Africa Code Beyond Barriers Hackathon (2023)
- Winner of the Pan African Mathematics Olympiad (PAMO) (2022)
- Finalist in Carrefour Umurezi Math Competition (2021)

Languages

English French