# Sedric Ouambo

https://sedricouambo.github.io/sedric-portfolio

## Programmer Analyst

## WORK EXPERIENCE

### CEPI - La Cité College, Ottawa, Canada.

Python Developer/Internship.                 05/2023 – 08/2023

- Crafted comprehensive documentation describing the procedures for managing the motion, sound and visual sensors of the robots, allowing a 30% reduction in the time users use to manage robots.
- Programming scripts to allow robots to run a simulated abduction at Collège La Cité, during staff academic year, which increased participant satisfaction by 50%.

### Government Technical High School, Santchou, Cameroon.

Computer technical support and Teacher.       01/2015 – 05/2022

- Analyzed, proposed and improved an IT Learning Management System for School, resulting in a 40% reduction in administrative workload and a 25% increase in student engagement.
- Guided comprehensive technical guidance to colleagues and students, on effective usage of the school computer system; improved system efficiency and reduced support requests by 40%.
- Developed and delivered a comprehensive web programming course focusing on HTML, CSS,JavaScript and MySQL to level 12 students; increased proficiency and productivity by 40% within 3 months.

## PROJECTS

### Website for a conference using React.js and Next.js.       03/2024

- Collaborated and deployed client form validation system resulting in 50% decrease in form submission errors, improving user experience.
- Developed and implemented Next.js routing for application, resulting in a 40% increase in organic traffic.
- Added metadata to optimize website SEO search engine indexing, allowing the website indexed by more than 90% search engine.

### Web application for Community support using Node.js.       03/2024

- Constructed a user-friendly web platform enabling community members to exchange services, leading to a 30% growth in users.
- Managed and motivated the team in programming email and SMS sending; increasing user positive feedback by 40%.

### Modern web app to restaurant using Express.js.       12/2023

- Directed responsive design; allowing apps running on 95% of devices.
- Protected server routes; reducing unauthorized access by 90%.
- Implemented Express.js SSE feature to showcase real-time orders for connected administrators, reducing order errors by 20%.

## CONTACT

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## SKILLS

*Hard Skill:*
- Coding (Advanced)
- Debugging (Experienced)
- Software Design and Testing
- Web Development

*Programming Languages:*
- C#, • Python, • Java

*Web technologies:*
- HTML5, • CSS3, • JavaScript
- React.js, • Next.js, • Node.js
- PHP

*Databases:*
- MySQL, • SQL Server, • MongoDB
- Cassandra

*Tools and Software:*
- Git
- Visual Studio Code
- Visual Studio
- PyCharm

## EDUCATION

La Cité College
**Ontario College Diploma**
*Computer Programming*
Ottawa, Canada
09/2022 - 04/2024

University of Dschang
**Bachelor of science**
*Mathematics and computer science*
Dschang, Cameroon
10/2009 - 07/2012

## OTHER

- Certified Associate in Python Programming (PCAP).
- Android Certified Application Developer, version 12.
- Workplace rescue worker.