

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 outlining procedures for managing movement, sound, and visual sensors for robotic applications; streamlined onboarding process, using Python, resulting in a 30% reduction in training time.
- Programmed Python scripts to enable NAO, NAOMIE, and PEPPER robots to execute a lifelike kidnapping simulation at La Cité College, amplifying crisis management training effectiveness 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.