Charmaine Simangaliso Mangorima

21 January 1998

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https://portfoliocharmaine.netlify.app/

Professional Summary

Motivated Software Engineering graduate from University of Boumerdes - Algeria, dedicated to improving skills through hands-on learning and development work. Algeria - Zimbabwe bilateral Scholarship winner in 2017. Well-organized collaborative team player with strong communication and analytical abilities. Fluent in English and French and accustomed to working with cross-cultural, global teams.

Education

12/2017 – 06/2018

Course in French as a Foreign Language,
University of Constantine 1 - Algeria

09/2018 - 07.2021

Bachelor of Science, Computer Science - Information Systems And Software Engineering,
University of Boumerdes – Algeria
Thesis - Development of a web application for the department of Computer   Science at University of Boumerdes using PHP, HTML, CSS

09/2021 - 07.2023

Master of Science, Computer Science - Software Engineering And Information Processing,
University of Boumerdes – Algeria
Thesis - Development of a system for Automatic Text Summarization of scientific papers using Latent Dirichlet Allocation (LDA) and Google BERT models (Python)

Work History

06.2023 – 11.2023

Software Developer Volunteer
Good Work Hub(USA- Remote)

- Wrote a web scrapper for charity websites for content generation using   Python and OpenAI API to assist in the implementation of the Good Work Hub website SEO.
- Storing, manipulating and retrieving information about charities and grants.
- Documenting every part of my development process to assist team members and other users.

- Participating in daily standups and team meetings.
- Taking part in agile project management via Jira to meet the organization's needs.

09.2022 - 11.2023

Junior Web Developer
6ixElement Entertainment (Canada – Remote)

- As part of a team, I contributed in the development of 6ixElement's web application using PHP and HTML, establishing its online presence serving both represented talent and users seeking their unique skills.
- Collaborating closely with the team to introduce improvements aligned with 6ixElement's evolving objectives.
- Currently responsible for maintaining and refining the web application, ensuring ongoing enhancements for responsiveness, security and user-friendliness.

09.2021 - 09.2022

Software Engineering Intern
Cetim - Algeria

- Wrote clear, clean code for the development of an IT equipment management web application using J2EE and MySQL.
- Collaborated effectively with members of software development team and personnel in other departments.
- Prepared and submitted documentation for the application to assist development team members.

Soft Skills

- Resilience and agility
- Innovative and flexible mindset
- Respectful collaborator
- Ability to learn quickly new stuffs and technologies
- Excellent analytical skills

Technical Skills

Java programming	TailwindCSS
JavaScript	ReactJS
Python	Express.js
PHP	Bootstrap
C/C++	HTML
Git	MySQL
Jira Software	CSS
Microsoft Office	MongoDB

Languages

English: Native/ Bilingual

French: Advanced (C1)

Certifications

Clean Class 4 Driver's License
Certificate of Excellence for Master of Science (2nd position) – Embassy of Zimbabwe in Algeria
Backend Development and APIs - FREE CODE CAMP
JavaScript Algorithms and Data Structures - FREE CODE CAMP
Project Management - GREAT LEARNING ACADEMY
Python Programming and Apps - CODE FIRST GIRLS
JavaScript and ReactJS - CODE FIRST GIRLS