TCHIMWA BOUOM AYMAR LE PÈRE

PhD Student, Full Stack Developer
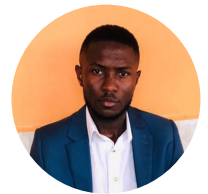
@ aymartchimwa@gmail.com   📞 +237 691 833 395   📍 Dschang, Cameroun   in Le Père Aymar
Portfolio: https://bouom.github.io/le-pere-folio

ABOUT ME

Passionate about information and communication technologies, I am currently working on a PhD thesis in Cyber Security at the University of Dschang on the topic *Cyber resilience through measurement and attack graph analysis* after doing a Master of Science in data security. I've also been involved in many different web development projects as part of a team of developers or solo depending on the requirements of the task. And finally, the will to transmit my knowledge and skills precedes me.

CONFERENCES PUBLICATIONS

- 2023 IEEE International Conference on Communications (ICC): Communication and Information System Security Symposium: ***Cyber resilience measurement through logical attack graph analysis*** (Aymar Le Père Tchimwa Bouom, Jean-Pierre Lienou, Frederica Free Nelson, Sachin Shetty, Wilson Ejuh Geh, Charles A Kamhoua) accepted for presentation.

- CONFERENCE DE RECHERCHE EN INFORMATIQUE CRI'2021: ***Pixel-vibrating medical image encryption on the coupling of a linear feedback shift register and chaotic maps*** (Aymar Le Père Tchimwa Bouom, Marcellin Julius Antonio Nkenlifack, Igor Godefroy Kouam Kamdem, Yannick Nzali Koagne).

EXPERIENCE & PROJECTS

Full stack developer (Spring Boot / Laravel / React Js)
Hills Tech Consulting

📅 Since 2020   📍 Dschang

- Komunityoo: Komunityoo is a secure web application that helps you easily manage your community or group. The backend was developed in spring boot and react js was for the frontend. https://komunityoo.com/

- Buyamshop: Buyamshop is a small Canadian company that provides handmade African art products. The backend is developed in Laravel and react js for the frontend. https://buyamshop.com/

- Sooko: This is a streamlined e-commerce web application that simplifies the commercial trading process for African businesses through an easy-to-use digital platform. The backend was developed in Laravel and react js for the frontend. https://sookotrade.com/

Teaching
IUT Fotso Victor

📅 Since Oct 2020   📍 Bandjoun

- Teach C, OOP (C++, Java), Database and Algorithm programming courses to students of this institution.

Professional competence

- Application development (Backend et Frontend)
- Design and Conception of Information Systems
- Development of a backend (APIs) and presentation on Swagger
- IT trainer

EDUCATION

- **PhD Student in Cyber Security**
  University of Dschang
  📅 Since 2020   📍 Dschang

- **Master in Computer Science**
  University of Dschang
  📅 2018 – 2020   📍 Dschang

- **Degree in Computer Science**
  University of Dschang
  📅 2014 – 2018   📍 Dschang

- **GCE Advance Level**
  GBHS Bafoussam
  📅 2013-2014   📍 Bafoussam

- **GCE Ordinary Level**
  GBHS Bafoussam
  📅 2011 – 2012   📍 Bafoussam

COMPETENCIES

`Machine Learning` `MulVal` `Attack Graph`

`Laravel` `Spring Boot` `React Js`

`HTML & CSS` `JavaScript` `C & C++` `PHP` `Java` `Python` `Latex`

`Ajax` `JQuery` `XML & Json`

`SQL` `MySQL` `PostgreSQL`

`UML` `Singleton`

`MS Office` `Odoo` `Git` `Trello`

LANGUAGES

English ●●●●○
French ●●●●○

LEISURE

`Internet` `Sport` `Lecture`