## PERSONAL INFORMATIONS

First names**: Mohamed Abdounour**

Names**: MOULIOM PAGNA**

Born on**: 22 September 1996**
At**: Foumban**
Status**: Single**
Nationality**: Cameroonian**

## CONTACT

☎ (+237)695465755/670463165

✉ Mohamed.mouliom.27003@facsciences-uy1.cm

## SKILLS

➢ Good knowledge of programming language:
  ◆ C/C++ and Fortran
  ◆ Python and Matlab
➢ Good knowledge of Gaussian software
➢ Basics in data analysis with R language
➢ Office pack (Word, Excel, PowerPoint…)
➢ Windows and Linux environment

## LANGUAGES

✓ French:
✓ English:

## HOBBIES

➢ Sport
➢ Reading
➢ Cooking

## ACADEMIC INFORMATION

➢ 2022: **Master II in Physics, University of Yaounde 1**
  Option: Materials Sciences
  Grade:  Good

**Master's Thesis:** study of the femtosecond laser stability during an amorphous silica etching process

**Abstract:** We studied the stability of the femtosecond laser by numerically solving the complex Guinzburg-Landau equation coupled to the Drude equation. To do this, we used the Runge-Kutta algorithm of order 4, and the implementation was done under the Python language.

➢ 2020: **Master I in Physics, University of Yaounde 1**
  Option: Materials Sciences
  Grade:  Good

Specialized in subjects such as mathematical techniques, quantum mechanics, numerical methods, atomic and molecular physics, solid state physics, statistical physics, semiconductor physics, physical chemistry of materials, harmonization of programming skills and materials for energy conversion and storage.

➢ 2018: **Bachelor's degree in Physics, University of Yaounde 1**
  Option: Fundamental Physics
  Grade:  Pass

## ACADEMIC REFERENCES

❖ Reference 1: **ZEKENG Serge Sylvain**, Professor, University of Yaounde 1

✉ sergezekeng@yahoo.fr

❖ Référence 2: **Dr.  KAMENI NTEUTSE Peguy** (Former AIMS student)

✉ peguy.kameni@aims.ac.rw