

# Sintia Laura NYAFFI ACHIKWOUE

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## PROFILE

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Master's scholar student at AIMS-Cameroon in the basic sciences sector, I have a master's degree in pure mathematics obtained at the University of Douala. I am interested in everything related to the mathematical world and its applications and my goal is to use my strong background in programming and pure mathematics to model complex phenomena.

## EDUCATION

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**African Institute for Mathematical Sciences (AIMS)**, Limbe, Cameroon.

Aug. 2023 — Present

*Structured Master's Program in fundamental Science*

Expected June 2024

**University of Douala**, Douala, Cameroon.

2020— 2022

Master's in pure Mathematics: Analysis- Algebra- geometry.

- Thesis: One Approach Modal Theta valent of Golay Codes
- Supervisor : Dr. Jean Tsimi Armand We studied the Golay Codes on  $\mathbf{F}_2$ ,  $\mathbf{F}_3$ , and extended the fields into modal fields  $\mathbf{F}_{2Z}$ ,  $\mathbf{F}_{3Z}$  and then find conditions for which a theta-valued modal version of the Golay codes has been defined.

## WORK EXPERIENCE

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**College privé polyvalent la méthode**

Douala, Cameroon.

- Mathematics Teacher : responsible of mathematics course in scientific classes Lower six and Upper six.
- Educational facilitator of the mathematics department

**Education Structure - Mathematics laboratory**

Douala, Cameroon

- Monitor of students in linear algebra level one and two in Bachelor mathematics

## Holidays interships

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- Brand Ambassador for Orange network services via Ste-Proximity, Douala, Cameroon. juil. 2020- sept.2020
- Shop assistant in cafeteria, Douala, Cameroon. juin.2020-sept 2021
- Brand Ambassador for NIDO shop via VERODIS-SARL, Yaounde, Cameroon. juil.2018-sept 2019

## AWARDS/ACHIEVEMENTS

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- Full Scholarship at AIMS Cameroon 2023
- Excellence Prime of S.E Paul Biya 2019,2021,2022

## SKILLS

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- Programming: Python, SageMath, R-studio, LaTeX.
- Social: Teamwork, Dynamism, Adaptability, Member of Gender Club and Social club at AIMS.

## 1 References

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- Prof. Ngakeu Ferdinand: fngakeu@yahoo.fr, senior Lecturer at the Department of Mathematics and Computer Science at the Faculty of sciences of the University of Douala, Cameroon.
- Dr. Tsimi Jean Armand : tsimije@yahoo.fr , Teacher and researcher Department of Mathematics and Computer science, University of Douala
- Dr. Hans Fotsing Tetsing: hansfotsing@aims-cameroon.org ,Assistant lecturer in the Department of Mathematics and Computer Science , University of Douala, Cameroon.
- Dr Collins Akosa: collins.akosa@aoni.waseda.jp, Department of Applied Physics, School of Advanced Science and Engineering , Waseda University and Lecturer at AIMS Cameroon , Limbe, Cameroon.