

Armelle Noguia Tchuenkam

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Profile

I am a motivated, hardworking and ambitious mathematician with a great passion for optimization. I have excellent communication skills. I am able to conduct research, and I constantly seek to improve my abilities. I am eager to learn, I enjoy overcoming challenges and solving puzzles. I am excited about the opportunity to apply my knowledge to tackle real-world problems.

Education

- 2023-present **Master of Science, Mathematical Sciences**, *African Institute for Mathematical Sciences (AIMS)*, Cameroon
Relevant courses: mathematical problem solving, python, sagemath, linear algebra, ordinary differential equations, optimization and numerical methods, mathematical modelling, stochastic processes, cryptography and cybersecurity.
- 2022-2023 **Master 1, Mathematical Economy**, *University of Douala*, Cameroon
- 2019-2022 **Bachelor, Algebra Analysis and Geometry**, *University of Douala*, Cameroon

Work Experience

- 2019 - 2022 **Home Tutor**, *Cameroon*
- Provided personalized, one-on-one academic instruction to students in mathematics.
 - Monitored student progress and adjusted teaching methods accordingly to ensure optimal comprehension and improvement
 - Successfully helped students to improve their grades
- 2019 - 2023 **Entrepreneur (Self-Employed Baker)**, *Cameroon*
- Achieving high sales with customers satisfaction
 - Using customers' remarks to adjust recipes

Volunteer Work

- 2018 **Central Hospital of Garoua**, *Cameroon*
- Working to improve the hygiene of patients
 - Boosting moral
 - Recruitment of other volunteers

Research and Projects

2023 **Sustainable development in Gabon, *AIMS-Cameroon***

- Conducted a comprehensive analysis using data sets to derive data-driven insights at the second order administrative divisions (ADM2) level which could be used to inform policy decisions
- Analysed, interpreted and presented data to contribute to the understanding of key sustainability factors in the regions

Skills

Programming Python (intermediate), SageMath (intermediate), LaTeX (advanced)

Language

English fluent

French fluent