Junior Parfait Ngalamo
Ph.D. Student

Personal Information

Address	University of Verona - Department of Economics Room 1.13, Polo Santa Marta, via Cantarane, 24 37129 - Verona
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Nationality Date of Birth	Cameroonian 09.01.2000

Research Interests

- Derivative Pricing and Hedging in Financial Markets
- Deep Learning for Finance
- Stochastic Optimal Control Theory with Applications in Finance

Education

2024 - Present	**PhD in Mathematics and Data Analytics for Finance** Department of Economics University of Verona
2023 - 2024	**Young African Mathematcians (YAM) Fellowship** Mathematics Münster University of Münster Thesis title: *Portfolio Optimization in Financial Markets with Different Currencies*
2022 - 2023	**Structured Master in Fundamental Sciences (Distinction)** African Institute for Mathematical Sciences (AIMS-Cameroon) University of Buea Thesis title: *Least Squares Monte Carlo Methods for Solving Stochastics Optimal Control Problems*
2020 - 2022	**Master in Mathematics** Department of Mathematics and Computer Sciences University of Dschang Thesis title: *Machine Learning; Theory and Applications*
2017 - 2020	**Bachelor in Applied Mathematics** Department of Mathematics and Computer Sciences University of Dschang

Teaching Activities

Winter 2021	Exercise Class in Integral Calculus and ODEs Bachelor Degree in Computer Sciences - University of Dschang

| 2019 - 2022 | Tutoring in Mathematics, Physics and Chemistry |
| | High School Students - Genius Academy |

Conferences, Workshops and Seminars

April 2025	Attended the XXVI Workshop on Quantitative Finance
	Palermo 15-17 April 2025, University of Palermo
July 2024	Presentation at the YAM Seminar
	University of Münster
December 2023	Presentation at the Stochastic Research Seminar
	BTU-Cottbus

Language Skills

French	Native
English	Fluent
Italian	Basic Level (A2)

Computer Skills

Operating Systems	LINUX and Windows
Programming	Python, Matlab
Other	Microsoft Office, LATEX

Leadership and Interpersonal Skills

2022 - 2023	Students' delegate AIMS-Cameroon
2022 - 2023	Head of give-back team mathematical olympiad AIMS-Cameroon
2020 - 2021	President of the student association of the faculty of sciences, University of Dschang