



PhD/Doctor in Computer Science

MESSI NGUELE Thomas,

Born on **March 17th 1989** at Yaoundé (33 years),

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Single.

CURRENT POSITION

Grade : Research - Lecturer

Speciality : Parallel Artificial Intelligence Algorithms on Multi-core Architectures

Institution : University of Yaounde 1, Faculty of science, Computer Science Department

AWARD

AI4D Africa Award for ECA (Early Career Academic), USD 52140, August 2022 - November 2023

Africom Award Mobily for Staff (Univerty of Nigeria Nsukka, One Month), EUR 1200 July 2022

IBM Artificial Intelligence Analyst 2020 - Mastery Award

https://www.youracclaim.com/badges/c8379cad-d537-460a-bfb4-9401cb35efda/linked_in

IBM Cloud Application Developer 2019 - Mastery Award

https://www.youracclaim.com/badges/088c4d16-160d-4f4e-9343-4f5863212249/linked_in

SCHOOL CURRICULUM

Year	School	Diplomas, observations
2018	University of Grenoble Alpes and University of Yaounde 1	PhD/Doctor in Computer Science (Cotutelle), With highest honor
2013	University of Yaounde 1	Master in Computer Science (best of the promotion)
2010	University of Yaounde 1	Bachelor in Computer Science (best of the promotion)
2007	Government High School Ekounou	Baccalaureat C (Pretty good)

TEACHING

Courses taught	Level
- Distributed Machine Learning on Parallel Architectures	Master 2
- Introduction to Machine Learning	Master 2 (Africomm Project)
- Compilation	Master 1
- Programming Languages, design and implementation	License 3
- Introduction to Data Structures	License 1

Scientific Activities

My publications, 2 journal papers, 5 conference papers with peer review. See all of them:
on [Google Scholar](https://scholar.google.fr/citations?user=UP378m8AAAAJ&hl=fr): <https://scholar.google.fr/citations?user=UP378m8AAAAJ&hl=fr>
Or on [DBLP](https://dblp.org/pers/hd/n/Ngu=eacute=l=eacute=:Thomas_Messi): https://dblp.org/pers/hd/n/Ngu=eacute=l=eacute=:Thomas_Messi

- **Three advised master students**: NANVOU TSOPGNY Nel Gerbault (December 2021), MOGO WAFO Regis Audran (September 2021) and ANOZIE EKENECHUKWU Lilian (December 2020).

- **Two PhD thesis under co-advising**

1- **Using Machine Learning Techniques For Efficient Graph Analysis**, with MOGO WAFO Regis Audran. The idea is to apply Machine Learning techniques on execution traces of social networks analysis applications. (defense on December 2024).

2- **A new Parallel Interface: an application on DSL for parallelizing Machine Learning Algorithms on multi-core Architectures**, with NANVOU TSOPGNY Nel Gerbault. During our thesis, we focused on parallel DSL for algorithms on social network. In this project, we focus on machine learning algorithms. (defense on December 2025)

- **Seven Co-Supervised Master thesis (May be defended during 2023).**

1- **Using parallel Convolutional Neural Network for cancer prostate detection**, With ONANA MVOGO Ralph.

2- **Using parallel convolutional neural network for malaria detection**, with GUEBOU BOUYIM Ghislaine .

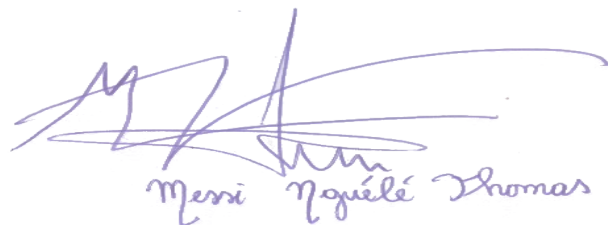
3- **Using parallel Recurrent Neural Network for discriminatory messages detection** with ONANA Damase Donald

4- **Using parallel Recurrent Neural Network for face recognition on video** with HEINTCHEU Ange Landryne

5- **Using parallel Graph Neural Network for AIDS detection and Diagnosis** with DONGMO NGUIMKENG Laure

5- **Using parallel Graph Neural Network for for cancer prostate detection** with GUIFFO WAFFO Paterne

7- **Using parallel Hidden Markov Model for face recognition** with KAPATA NGANKAM Darlin Canis



Handwritten signature in blue ink, reading "Messi Nguelé Thomas".

24th December 2022