



Ephraim SINYABE PAGOU

Born on April 20th 1998, in Ngaoundere

📍 Ngaoundere, Cameroon

P.O Box 455. ENSAI

☎ (00237) 691 80 22 36 / 654 48 10 13

✉ ephraimpagou@gmail.com

sinyabe_ephram@yahoo.fr

🌐 [linkedin.com/in/ephraim-sinyabe](https://www.linkedin.com/in/ephraim-sinyabe)

Speciality: Computer Science, Electronics and Automation.

Sub-speciality: Multi-Agent Systems.

🕒 Professional Experience

Currently

Freelancer in Graphic Design and Digital Marketing

Smarty Agency (Online)

- Creation of visual identity and branding.
- Typography and photo editing.
- Video design and production.
- Use of the Adobe Creative Cloud and After Effect suite.

2019 - 2020

Part-time teacher and computer technician

College Shekina, Ngaoundere

- Delivery of courses on computer algorithms.
- Theoretical courses on the applications of computer science in information systems and artificial intelligence.
- Practical work session on interconnections of technological systems.
- Development of automated Excel programs and windows applications for the administrative follow-up of the institution.

July - September 2018

End of studies internship, Bachelor of technology - master agent

CDTIC, University of Ngaoundere

Implementation of virtualization environment for the DMZ of CDTIC.

June – August 2017	<p>End of study internship, University Diploma of Technology (DUT) – supervisor</p> <p><i>CENADI, Yaounde</i></p> <p>Implementation of a web platform for the management of academic internships (Case of CENADI).</p>
04 July - 29 July 2016	<p>Worker internship</p> <p><i>SODECOTON, Garoua</i></p> <p>Study and implementation of a local computer network</p>

🕒 Studies and Training

January - March 2022	<p>Augmented Reality Online Training</p> <p><i>LinkedIn Learning Courses</i></p> <p>Creating voice-controlled Augmented Reality applications: Create a real estate brochure.</p>
January - March 2022	<p>Machine Learning Training</p> <p><i>LinkedIn Learning Courses</i></p> <p>Creation of machine learning algorithms in Python and R.</p>
January - March 2022	<p>Artificial Intelligence Training</p> <p><i>LinkedIn Learning Courses</i></p> <ul style="list-style-type: none"> • Applications of the combination between Machine Learning and Artificial Intelligence. • Examination of the relationship between humans and Artificial Intelligence.
2019 - 2021	<p>Master in Sciences and Technology degree in Agro-Industrial Equipment Engineering, speciality Computer Science, Electronic and Automation</p> <p><i>ENSAI, University of Ngaoundere, Honors</i></p> <p>Proposal for a BDI architecture integrating emotion and norm in a cognitive system.</p>
2017 - 2018	<p>Bachelor of Technology in Networking and Internet</p> <p><i>IUT, University of Ngaoundere, Mention Fair.</i></p>

2015 - 2017	<p>University Diploma of Technology in Computer Engineering <i>IUT, University of Ngaoundere, Mention Fair.</i></p>
2014 - 2015	<p>General Certificate Education, Advanced Level, specialty Mathematics and Physics <i>Government Bilingual Higher School of Malang-Ngaoundere, Grade C+</i></p>
2013 - 2014	<p>Probationary Certificate, specialty Mathematics and Physics <i>Government Bilingual Higher School of Malang-Ngaoundere, Grade C.</i></p>
2011 - 2012	<p>General Certificate Education, Ordinary Level <i>Classical and Modern High School of Garoua.</i></p>

🕒 Research Activities

International Conferences:

1. Ephraim Sinyabe Pagou, Vivient Corneille Kamla, Igor Tchappi Haman, Amro Najjar, "Development of a human-agent interaction system including norm and emotion in an evacuation situation". In: *Proceedings of the 37th AAAI Conference on Artificial Intelligence (AAAI-23)*.
2. Ephraim Sinyabe Pagou, Vivient Corneille Kamla, Igor Tchappi, Yazan Mualla, Amro Najjar, "Shapefile-based multi-agent geosimulation and visualization of building evacuation scenario". In: *The 14th International Conference on Ambient Systems, Networks and Technologies (ANT 2023)*.

🕒 Skills

Computer Science

Explainable Artificial Intelligence

- Reading data form several sources.
- Creation of web services.
- Development of deep learning models.
- Design and development of scalable solutions using Artificial Intelligence tools and machine learning.
- Research and testing for the development of machine learning algorithms and predictive models.
- Use of computational and big data storage tools to create prototypes and data sets.

- Model training and evaluation based on matrix of factorization.
- Integration, testing, tuning and monitoring solution.

Multi-agent Systems

- Formalization of the notions related to the Human/Machine decision making.
- Writing of algorithms and proposal of an agent control architecture
- Simulation of multi-agent systems.

Programming and Simulation

- Python.
- Vuforia and Unity.
- Gama Platform.

Operating systems

Good knowledge and strong interest in

- Debian/Ubuntu GNU/Linux.
- MS-DOS.
- Windows XP,7, 8 et 10.

Other skills

Personal Skills :

- Quick-witted and willing to learn.
- Able to work in a team.
- Good planning and respect of short deadlines.
- Very familiar with the culture, community and issues of the Open Source and Internet world
- Wide and permanent technological watch.

French
English

Read, written and spoken very well
Read, written and spoken well

🕒 Areas of interest

Various

Piano, acting, internet research, reading, soccer

References

- Pr Kamla Vivient Corneille, Academic Supervisor, ENSAI, University of Ngaoundere
vckamla@gmail.com
+237 677896614
- Pr Yenke Blaise Omer, Head of Department of Computer Sciences, IUT, University of Ngaoundere
byenke@yahoo.com
+237 699813605