

CURRICULUM VITAE

Statistician Economist Engineer

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Country of Origin: CAMEROON

EDUCATION

2019-2021: Master's degree in Econometrics & Statistics,
University of Toulouse(France);

2011-2014: Statistician-Economist Engineer diploma in *Statistics & Applied Economics, Sub-Regional Institute for Statistics and Applied Economics(Cameroon);*

2008: Master's degree in Economics, *University of Yaounde II (Cameroon);*

2007: Bachelor's degree in Economic Analysis and Policy, *University of Yaounde II.*

TECHNICAL SKILLS

1. ECONOMICS

a. Microeconomic analysis	f. National accounts
b. Macroeconomic analysis	g. International Monetary economics
c. International economy	h. Public economy
d. Monetary macroeconomy	i. Long term development planning
e. Dynamic macro	j. The history of economic thought

2. STATISTICS & ECONOMETRICS

a. Exploratory Multivariate data analysis methods with R (PCA, CA, MCA, Clustering, MFA), <i>University of Toulouse(France)</i> ,	g. Geospatial Analysis with R (Areal data, Geostatistical data, Point patterns, Spatio-temporal data, Spatial functional data, Mobility data) using packages sp, sf and terra, <i>University of Toulouse(France)</i>
b. Econometrics of qualitative variables with R (Logit and Probit models, bivariate models, multinomial models, Tobit model)	h. Impact Evaluation using R (Randomization, Propensity Score Matching, Double difference Method, Instrumental Variable Method, Regression Discontinuity and Pipeline Methods)
c. Econometric analysis (Gaussian Linear Models with R, Time series with R (Var and VECM) model, Econometrics of qualitative variables with R, Econometrics of panel data, estimation of data envelopment analysis)	i. Survey design (Simple Random Sampling without or with replacement, Stratified sampling, clustered sampling, Stratification combined clustered sampling) . Analysing survey data
d. Supervised learning (Regression, Logistic Regression, Classification, Naïves Bayes Classifiers, Decision Trees, Support Vector Machine), <i>University of Toulouse(France)</i>	j. R for data science (introduction using R, objects structure, graphics, statistic tests), <i>University of Toulouse(France)</i>
e. Unsupervised learning (Hierarchical Clustering, K-means clustering, K nearest neighbours(KNN), Principal Component Analysis, Singular Value Decomposition, Independent Component Analysis), <i>University of Toulouse(France)</i>	k. SQL language (extractions of lines and columns, fusion of tables), <i>University of Toulouse(France)</i>
f. Big data with R (Big data algorithms, supervised learning, unsupervised learning of big data, Big data with	l. Experience coding by using R in a team environment and using GitHub.

Spark), <i>University of Toulouse(France)</i>	This is the link of my GitHub account https://github.com/ERNESTOGith .
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3. Computer Science

a. Office automation: Advanced Word document with RMarkdown, Excel, Advanced PowerPoint presentation with RMarkdown, Latex document with RMarkdown.
b. Open office Softwares of Statistics & econometrics : R(advanced level, building web applications with Shiny R), Python(intermediate level), ODK(Open Data Kit), PostgreSQL.
c. Programming languages : Pascal, R(advanced level), Python(intermediate level), SQL, HTML, CSS.

EXPERIENCE

2023	The Survey of the Informal Sector with the National Institute of Statistics(NIS) of Cameroon
2022	Monitoring and evaluation of the Strategy of development of Cameroon, <i>Ministry of Economy</i>
2022	The Survey on Malaria Indicators in Cameroon with NIS
2022	The Supplementary Survey to the Fourth Cameroonian Household Survey: MONOGRAPHY OF THE CENTRAL REGION with NIS
2021	Master's topic: <i>Impact of training on worker productivity in Cameroon, University of Toulouse(France)</i>
2020	Determinants analysis of export and import prices of main raw material in Cameroon, Ministry of Economy
2020	The survey on the availability of contraceptives and vital maternal health products at service delivery points in cameroon final report with NIS
2020	Public Expenditure Tracking Survey in the areas of Health, Nutrition, Water-Hygiene-Sanitation and Education: Education Component with NIS

2019	Panel Surveys for the Assessment of the Socioeconomic Impact of Covid-19 on the Living Conditions of Households in Cameroon: Third round - Household Component Policy guidance note with NIS
2018	The fifth Cameroon Demographic and Health Survey with NIS
2016	Carrying out the fifth Multiple Indicator Cluster Survey with NIS
2014	The Fourth Cameroonian Household Survey with NIS
2014	Master's topic: <i>Import input costs and productivity of manufacturing enterprises in Cameroon, Sub-Regional Institute for Statistics and Applied Economics(Cameroun),</i>

LANGUAGES & HOBBIES

a. English & French
b. Research, sport, reading