

William HODONOU

RESEARCH ASSISTANT IN DEVELOPMENT ECONOMICS

C/SB GODOMEY-GARE

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EDUCATION

university of reims champagne-ardenne

Reims, France

MASTER - STATISTICS FOR EVALUATION AND PROSPECTS

2017

- Completed machine learning, Multivariate Data Analysis, Big data analysis, quantitative and qualitative evaluation of public policy.

university of reims champagne-ardenne

Reims, France

MASTER - ECONOMY, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

2016

- Development of expertise in the analysis, diagnosis and prescribing of institutional arrangements for environmental protection and sustainable development.

Kwame Nkrumah University of Science and Technology.

Kumasi, Ghana

BACHELOR OF SCIENCE IN ACTUARIAL AND STATISTICS

2013

- Actuarial Mathematics, Markov Chain Modeling, Survival Models, Demographic Statistics, and Theory of Sample Surveys.

Experience

Centre d'Expertise en Evaluation du Développement

COTONOU, BENIN

PROJECT OFFICER, SPECIALIST DATA ANALYST

2018- Current

- Explore and transform data to make it understandable and useful for analysis.
- Perform literature review on specific project topics.
- Participate / Manage statistical operations with data collection: (i) Reference survey of the «VI-KANXIXO II» project; Purpose: To measure the impact of reading performance on violence against girls in school; (ii) Review of agricultural production statistics; Objective: Contribute to the rebasing of Benin's GDP ; (iii) the effects of literacy on communities; Objective: To measure the impact of literacy on some indicators of community well-being.

Mutuelle Générale de la Police

CRETEIL, FRANCE

DATA ANALYST

2017(5 months)

- Updating daily and weekly business monitoring dashboard
- Analysis and Reporting of quality and performance indicators after automating their computation to save about 20% time.
- Build a statistical model (using time series) to predict workflow in the division of 'Direction des operations' to optimize time and team.
- Technical tools: R, Excel, VBA, Limesurvey.

Africa Development Research And Consulting

COTONOU, BENIN

STATISTICAL ANALYST

2014(6 months)

- Final evaluation of the first phase of Beninese Scouting project "jeu sans taboo", supported by the Netherlands Embassy in Benin.
- Assistant in the implementation of indicators, development of questionnaires, literature review and supervised up to 4 employees for data collection.
- Technical tools: SPSS, EXCEL.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES, TOOLS AND STATISTICAL SOFTWARE

- Python, R, Jupyter, Git, RMarkdown, Shiny, sql databases, SPSS, SAS (certified base programmer for sas 9), STATA.

EVALUATION

- Introduction to methods of impact evaluation of public policies, Economic evaluation.

STATISTICS

- Multivariate Statistical Analysis (PCA, MCA, Multiple factor analysis), Linear models, hypothesis testing, Data Processing (Cleaning, transformation) and Visualisation.

MACHINE/DEEP LEARNING

- Classification, Decision Tree, Random Forest, xgboost, Neural Networks.

PERSONAL

Citizenship : BENIN

Languages : French (native), English (Full professional proficiency)

Interests : Reading specialized economics books, distance running, Basketball, Soccer.