FRANCK MIGONE

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SUMMARY

Economist and Statistician by training with strong quantitative skills. I have a strong interest in public policy, development issues and an interest for finance and new technologies.

EXPERIENCE

Deputy Director in charge of Methodological Innovations   February 2021 —
Agence Nationale de la Statistique   *Abidjan, Côte d'Ivoire*

- Acting Head of DataLab: Big Data and DataScience Unit of the ANStat
- Conducting Statistical Surveys and Economic Studies
- Leading structuring projects of the institute: Creation of the Corps of Survey Agents, Reform of the Employment Survey, Establishment of the Computing Center, Establishment of a Data Innovation Lab
- Team Lead - Task force on the Integration of Mobile Phone Data into Official Statistics in Côte d'Ivoire

Financial Programmer Analyst   May 18, 2020 – January 29, 2021
Soumare Institute of Finance   *Abidjan, Côte d'Ivoire*

- Development of a commodity trading application
- Realization of pricing programs for financial instruments (American Options, European Options) in Python
- Realization of programs for estimating the interest rate curve of the WAEMU in Python

Consultant - Data Scientist   September 14, 2020 – August 16, 2021
SINDEV   *Abidjan, Côte d'Ivoire*

- Design of a cashew disease detection application by computer vision - Realization of the learning model based on the You Only Look Once (YOLO) V4 model | Agricultural Innovation Competition 2021 - FIRCA - 1st Prize

Consultant - Data Analyst   March - April 2020
AVAKO / Afrik-Insights   *Abidjan, Côte d'Ivoire*

- Estimation of the digital appetite of the population of Côte d'Ivoire, Senegal, Democratic Republic of Congo and Cameroon

Research Assistant   June 5, 2017 – August 31, 2017
Ecole Nationale Supérieure de Statistique et d'Economie Appliquée, ENSEA   *Abidjan, Côte d'Ivoire*

- Analysis of living conditions of households in Aboisso, Côte d'Ivoire: Determinants of health-related quality of life of households

EDUCATION

Ecole Nationale Supérieure de Statistique et d'Economie Appliquée   September 2017 – September 2020
Economist and Statistician Engineer, Major in Finance   *Abidjan, Côte d'Ivoire*

Ecole Nationale Supérieure de Statistique et d'Economie Appliquée   September 2012 – September 2015
Technical Officer in Statistics   *Abidjan, Côte d'Ivoire*

CERTIFICATIONS

JPALx101 Certification - MITx Online   February 2023
Evaluating Social Programs

EDX Certification - Georgetown University   September 2022
Impact Evaluation Methods with Applications in Low- and Middle-Income Countries

MISSIONS

Economist Statistician   Since February 2021
Agence Nationale de la Statistique   *Abidjan, Côte d'Ivoire*

* Reform of the production and analysis system on employment: Transition from an annual employment survey to a quarterly survey covering both supply and demand for employment - Deputy Project Manager (In progress)

* Creation of the Corps of Survey Agents of the National Institute of Statistics: Establishment of a collection unit composed of 120 survey agents distributed by region on the national territory - Project Manager (In progress)

* Study on employment basins in the Tonkpi region - 2024: Technical Team Member

* Study on the needs of workers and their families in Côte d'Ivoire - Setting adequate wages for the ILO - 2024: Project Manager

* Analysis of the employment basin and promising income-generating activities (AGR) for women's empowerment and youth sedentarization in the Autonomous District of Gôh-Djiboua 2024: Deputy Project Manager

* Satisfaction Survey of the First Edition of the Government Social Program (PS Gouv) - 2023 - 2024: Project Manager

* Report on Extreme Poverty, Vulnerability and Inequalities for the Ministry of Solidarity and the Fight against Poverty 2024: (In progress)

* Study of the impact of the closure of borders with Mali on the economy of ECOWAS countries 2023: Deputy Project Manager

* Study on the Penetration Rate of Digital Terrestrial Television (TNT) in Côte d'Ivoire 2022: Project Manager

* Project to Support and Strengthen the capacities of Countries to improve the definition, implementation, monitoring and evaluation of Public policies Employment-training of Young people (ARPEJ), Funded by AFD and ILO: Statistician Expert - Technical Team of the Project

* Collection of Institutional Data on Transport for the African Development Bank (BAD) - Africa Infrastructure Knowledge Program (AIKP): Transport Expert

* Report on Extreme Poverty, Vulnerability and Inequalities for the Ministry of Solidarity and the Fight against Poverty 2021: Project Manager

* Satisfaction Study of Public Service Users for the Public Service Observatory (pilot project in Abidjan): Project Manager

PROFESSIONAL ACTIVITIES

Seminars and Scientific Conferences
International Association of Official Statistics (IAOS) 2023 Conference   *Livingstone, Zambia*

COMPUTER SKILLS

Office: Excel, Word, PowerPoint, Planner, TEAMS.
Statistical Software: Stata, R, SPSS.
Programming: Python, Visual Basic.

LANGUAGES

English: Fluent, able to hold a conversation
French: Native language

ECONOMIC RESEARCH

Job Quality and Poverty in developing countries evidence from Côte d'Ivoire, 2022 *Working Paper*
Causal Estimation of Conflict on Education outcomes in Mali, 2024 *Working paper*
Effects of exposure to violence on academic performance among children aged 13 to 18 in Côte d'Ivoire, 2024 *Working Paper*
Satellite imagery and machine learning to predict poverty in Côte d'Ivoire , 2025 *Working paper*

Extracurricular Activities

Agricultural Innovation Competition 2021 - FIRCA - 1st Prize
Predictive model for detecting cashew diseases by image recognition   *Abidjan, Côte d'Ivoire*

Hackathon Africa Digital Revolution 2018 - CIE - 1st prize
Blockchain-based application to fight against corruption in customs transit   *Abidjan, Côte d'Ivoire*

Sport
Basketball, Volleyball

References

KONE Titchinmin Wife SISSOKO - Mazars Côte d'Ivoire
Senior Manager Insights - Actuarial Consulting ; titchinmin@yahoo.fr   *+2250749369451*

N'ZI Jean Stéphane - National Higher School of Statistics and Applied Economics
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