# FRANCK MIGONE

Abidjan Côte d'Ivoire | +225 07 77 55 34 45 | Single, Ivorian, born on 25/02/1995 | migonefranck@gmail.com |
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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 Laboratory
- 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

### Consultant - Data Analyst
March - April 2020

*AVAKO / Afrik-Insights* — *Abidjan, Côte d'Ivoire*

- Estimation of the digital appetite of the populations 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** <span style="float:right">Since February 2021</span>

*Agence Nationale de la Statistique* <span style="float:right">*Abidjan, Côte d'Ivoire*</span>

* 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)
* Setting up a data collection system on the informal sector (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* <span style="float:right">*Livingstone, Zambia*</span>

## 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*
**Intergenerational transmission of Education : evidence from 2021 Census of Côte d'Ivoire , 2024** *In progress*
**Satellite imagery and machine learning to predict poverty in Côte d'Ivoire , 2022** *In progress*

## 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**
*Teacher-Researcher ; jeanstephane.nzi@gmail.com*                    *+2250103432619*

**TIOTSOP Blaise - National Higher School of Statistics and Applied Economics**
*Teacher-Researcher ; tiotsopblaise@yahoo.fr*                    *+2250759262508*