

FANSA KONÉ

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SUMMARY

I am a PhD candidate in Economics with a solid background in Statistics. With over five years of work, teaching, and research, experience, I served as a consultant for The World Bank and UNICEF. My expertise lies in macroeconomics and applied econometrics, with a strong interest in Machine Learning. I have experience working with household survey microdata. Beyond my technical skills, I have a strong passion for leadership.

EDUCATION

PhD candidate in Economics *2019-2025 (e)*
University of Montreal, CIREQ, Canada

MSc in Statistics and Economics (ISE) *2016-2019*
Ecole Nationale Supérieure de Statistiques et d'Economie Appliquée (ENSEA), Côte d'Ivoire

Intensive two-years BSc program, Mathematics and commercial studies *2014-2016*
Institut National Polytechnique Félix Houphouët Boigny (INPHB), Côte d'Ivoire

EXPERTISE

Macroeconomics: *Public Finance, International Trade, Climate Change, General Equilibrium Models*

Applied Econometrics: *Causal Inference (IV, Events Studies, Synthetic Control, etc), Impact Evaluation, Economic Forecasting, Panel Data and Time Series Analysis etc.*

Machine Learning: *Random Forests, Neural Networks, Lasso, Ridge, Textual Analysis (basics) etc.*

PROFESSIONAL EXPERIENCE

World Bank consultant *2022-present*

- Fiscal Incidence Analysis: studying the effect of taxes and social transfers on poverty and inequality, with a focus on gender impacts in Togo and Guinea (E-CEQ)
- Analysing the impact of the Russian's invasion of Ukraine on the well-being of households in Guinea
- Writing of the reports and their presentation materials (Guinea and Togo)
- Training government officials in E-CEQ modeling (Guinea and Togo)

UNICEF consultant *December 2023-May 2024*

- Development of the first tax benefit microsimulation model based on EUROMOD methodology tailored for Kazakhstan (KAZAMOD)
- Writing the country report and a policy brief of the tax benefit system, aimed at providing strategic guidance for the implementation of the nation's tax benefit system reform

- Trained government officials on using the built model KAZAMOD

Internship and research assistant

2018-2019

- Dynamic mean-variance portfolio for the regional stock exchange (BRVM), with Arsène Brou, ENSEA 2019, supervised by Nathaniel Gbenro
- Applied quantile regression to examine the determinants of maize yield using household survey in Cote d'Ivoire, Internship at ENSEA 2018, supervised by Jean Mark Kouadio
- Participated in the design of survey instruments, data collection, and data processing for household living conditions in Toumodi (Côte d'Ivoire), ENSEA 2018
- Analysed monetary policy transmission channels in West African Economic and Monetary Union (WAEMU) countries

RESEARCH

Research in Progress and Working Papers

- Balanced Budget Rule and Economic Growth
- Trade, Shocks Transmission, and Monetary Policy in a Regional Trade Agreement, with *Régis Kouassi*
- WAEMU facing AfCFTA: implications for trade and monetary policies, with *Régis Kouassi*
- Transition to Renewables and Public Debt Sustainability, with *Lucien Chaffa* and *Kodjo Koudakpo*

Policy papers/reports

- The effects of progressive personal income tax and targeted social assistance reforms on revenue collection, poverty, and occupations in Kazakhstan, with *Mohamed Coulibaly*, *policy brief*, UNICEF May 2024
- KAZAMOD Country Report 2022 (first EUROMOD-based microsimulation model in Kazakhstan), with *Mohamed Coulibaly*, *Yersultan Tamabekov*, and *Arman Umerbayev Kazakhstan*, UNICEF May 2024
- Engendered Commitment to Equity (E-CEQ) Fiscal Incidence Analysis in Guinea, with *Mohamed Coulibaly*, *Aissatou Ouedraogo*, and *Kadidia Koné*, World Bank
- Engendered Commitment to Equity (E-CEQ) Fiscal Incidence Analysis in Togo, with *Mohamed Coulibaly*, *Aissatou Ouedraogo*, and *Kadidia Koné*, World Bank

RESEARCH GRANTS, AWARDS AND FELLOWSHIPS

- Fonds de Recherche du Québec Science et Culture (FRQSC) fellowships, ranked 2nd, 2022-2024
- Ph.D. fellowships, Department of Economics, UdeM 2019-2023
- Canadian Economics Association students travel grant, Winnipeg 2023
- CIREQ students travel grant, SCSE conference in Quebec 2023
- Tuition-fee Waiver Scholarship of Graduate Studies, University of Montreal, Canada, 2019-2021
- Excellence Scholarship, Government of Côte d'Ivoire, high school and university scholarship (2011-2019)
- Winner Public Forum Debate, with a team ENSEA (2019)
- Awards "meilleure plume", Writing competition, ENSEA (2017)

- Awards of the best scientist at high school level, received from the Minister of education at Journée National du Mérite et de l'Excellence (JNMEX), Côte d'Ivoire, 2015
- Awards of the best student of high school level at Lycée Mixte I de Yamoussoukro, Côte d'Ivoire, 2014

TEACHING

Lecturer

2021-present

- Initiation to economics: Fall 2024, Fall 2023, Fall 2021
- Economics data analysis; winter 2023

Teaching Assistant

2020-

- Advanced macroeconomics (PhD): Winter 2022, 2023, 2024
- Special topics in money and banking: Fall 2022, 2023 (graduate level)
- North American economics: Winter 2021
- International Finance; Fall 2020
- International trade: Fall 2020
- Introduction to Microeconomics (Winter 2024)
- Principles of economics: Winter, Summer, Fall 2022 (Online, undergraduate)
- Economics data analysis: Fall 2021 (Online, undergraduate)
- Introduction to macroeconomics: Fall 2020, Winter 2021

ACADEMIC SEMINARS AND PRESENTATIONS

- Africa Meeting of the Econometric Society (AFES), Abidjan, Côte d'Ivoire, June 2024
- Canadian Economic Association, Winnipeg, June 2023
- 18th Ph.D. students CIREQ conference, Montreal, May 2023
- Société Canadienne de Science économique, Québec city, Québec, May 2023
- Quebec Social Sciences Ph.D. presentations group, Montreal-online, (September 2021, February 2022, October 2022, April 2023, January 2024)
- Macroeconomics Workshop(regular presentations, since 2022-)
- International Conference of Statistics and Applied Economics (CISEA), July 2019, ENSEA, Abidjan Côte d'Ivoire

PROGRAMMING AND SOFTWARE SKILLS

Programming

Stata, Python, Matlab, Latex; R and Julia (basics)

Statistics and Econometrics

SPSS, Eviews

Microsoft

Excel, VBA, Powerpoint, Word

SELECTED TALKS AND VOLUNTEERING ACTIVITIES

Talk at ENSEA to MSc Students from many Universities in Abidjan *June 2024*
PhD in North America: Distinguishing Reality from Misconceptions

Economics PhD student's representative *Fall 2021-2023*
Defending and representing PhD students' interests at UdeM, Canada

UdeM ambassador, (Fall 2019, Winter 2020), Passerelle (2020) and Passerelle + (2021)
Helped new students integrate Université of Montréal in the context of the pandemic, Canada

TRAINING AND CERTIFICATIONS

Econometric Society Workshop (AFTW2-2023) *December 2023*
Training in Computational Macroeconomics with Jesús Fernández-Villaverde and Pablo Winant

IMF Debt Sustainability Framework Training *July-November 2023*
Debt Sustainability for Low-Income Countries Course by IMF and World Bank

Career Plan and Professional Development *November 2020*
Planning and Thinking about Professional Career; by EPSI, Université de Montréal

Certified in Impact Evaluation *2019*
Quantitative and Qualitative Techniques for Evaluating Public Policies' Impact; Tany Vao, ENSEA

LANGUAGES, CITIZENSHIP, AND HOBBIES

Languages	French (native), English (fluent)
Citizenship	Canadian Permanent Resident and Ivorian
Hobbies	Soccer, Badminton, Reading, Writing

REFERENCES

Guillaume Sublet (Advisor), *Assistant Professor*, Department of Economics, Université de Montréal
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Emanuela Cardia, *Full Professor*, Department of Economics, Université de Montréal
[Email: emanuela.cardia@umontreal.ca](mailto:emanuela.cardia@umontreal.ca), [Google Scholar](#)

Immo Schott, *Senior Economist*, Board of Governors of the Federal Reserve System
[Email: immoschott@gmail.com](mailto:immoschott@gmail.com), [Website](#)

If you want to learn more about my research, please visit my website at fansakone.github.io.