

FANSA KONÉ

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SUMMARY

I am a PhD candidate in Economics with a solid background in Statistics and over five years of work, teaching, and research experience. I have 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 am proficient in several state-of-the-art causal inference techniques and have experience working with various types of data, including micro and large macro datasets. In addition to my teaching experience, I have delivered several talks and training sessions to government officials, which have equipped me with excellent communication skills. I am team-oriented and have held many leadership positions.

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-year 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.*

PROGRAMMING AND SOFTWARE SKILLS

Programming	Stata, Python, Matlab, Dynare, R and Julia
Statistics and Econometrics	SPSS, Eviews
Microsoft	Excel, VBA, PowerPoint, Word

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)
- 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)
- Trained government officials on using the built model KAZAMOD

Internship and research assistant

2018-2019

- 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

RESEARCH EXPERIENCE

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 and 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 and Tuition-fee Waiver Scholarship, Department of Economics, UdeM 2019-2023
- Others: Canadian Economics Association students travel grant (2023), CIREQ students travel grant (SCSE 2023), Excellence Scholarship - Government of Côte d'Ivoire-high school and university scholarships (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, 2023, 2021) and Economics data analysis (winter 2023)

Teaching Assistant

2020-

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

ACADEMIC SEMINARS AND PRESENTATIONS

- Africa Meeting of the Econometric Society (AFES - Abidjan - June 2024), Canadian Economic Association (Winnipeg - June 2023), 18th Ph.D. students CIREQ conference, (Montreal - May 2023), Société Canadienne de Science économique (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, ENSEA - Abidjan - July 2019).

LEADERSHIP, TALKS AND VOLUNTEERING ACTIVITIES

Economics PhD student's representative

Fall 2021-2023

Defending and representing PhD students' interests at UdeM, Canada

Others: Talk at ENSEA to MSc Students from many Universities in Abidjan(June 2021, 2024), Talk to Students at INPHB (online January 2024), Passerelle + (2021), UdeM ambassador(Fall 2020, 2019), Passerelle (2020), ENSEA English Club (2017-2018).

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

Certified in Impact Evaluation

2019

Quantitative and Qualitative Techniques for Evaluating Public Policies' Impact; Tany Vao, ENSEA

AFFILIATIONS, LANGUAGES, AND OTHERS

Languages	French (native), English (fluent)
Affiliations	American Economic Review, Econometric Society, CIREQ
Citizenship	Canadian Permanent Resident and Ivorian
Hobbies	Soccer, Badminton, Reading, Writing

REFERENCES

Guillaume Sublet (Advisor), *Assistant Professor*, Department of Economics, Université de Montréal
 Email: guillaume.sublet@umontreal.ca , [Website](#)

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

Kodzovi Abalo, *Senior Economist*, World Bank Group
 Email: kabalo@worldbank.org, [Website](#)

Aissatou Ouedraogo, *Economist*, World Bank Group
 Email: aouedraogo6@worldbank.org

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