

Mananirina Razafitsiory

mananirina.razafitsiory.1@ulaval.ca | tsioryka@gmail.com

+1 (581) 989 9916

I am currently pursuing a Ph.D. in Economics at Université Laval in Quebec, Canada. My research is centered on macroeconomic studies that investigate the relation between work automation and business cycles. I have 6 years of work experience in Cote d'Ivoire, Canada and United States. Besides my technical strengths, I have excellent leadership and communication skills.

EDUCATION

PhD Candidate, economics **2021-Present**

Laval University, Québec, Canada

Under the guidance of Pr. Nikolaos Charalampidis and Pr. Kevin Moran.

Engineer Statistician Economist (M. Sc in Statistics and Economics) **2016-2019**

École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA), Abidjan, Côte d'Ivoire,
Certified in impact evaluation, Tany Vao and ENSEA, 2019

Master's in Applied Mathematics, Modeling and Computing **2015-2016**

Université d'Antananarivo, Antananarivo, Madagascar

Master's in Macroeconomics and Modeling **2011-2015**

Université d'Antananarivo, Antananarivo, Madagascar

RELEVANT EXPERIENCE

PhD Intern **2024**

International Monetary Fund (IMF), Washington, United States

Collaborated with Senior Economist Zanna Felipe (Institute for Capacity Development, IMF) and Division Chief Elekdag Selim Ali (Financial Policies Division, IMF) to produce a working paper titled: "Can Departures from Rational Expectations Resolve the Uncovered Interest Rate Parity Puzzle?"

Statistical Assistant **2022-2024**

Statistics Canada, Quebec, Canada

My main responsibilities include managing data repositories, training researchers in data analysis and conceptualization, providing IT support for statistical software usage, and managing research contracts

Research Assistant **2022-Present**

Laval University, Québec, Canada

Under the supervision of my research director, I conducted the development and estimation of macroeconomic models, including DSGE, VAR, VEC models, and Bayesian estimation.

Data Analyst**2019-2021****SUNU Assurances, Abidjan, Côte d'Ivoire**

My main assignments include the automation of reporting and dashboards, conducting marketing studies, developing data collection and analysis tools, and project monitoring and planning.

RESEARCH

Research interest

Macroeconomics, International economics and Financial Economics

Working paper

“Automation in an Estimated Small Open Economy Model”, with Nikolaos Charalampidis,
Working paper, 2024

Research in progress

“Automation, Job Destruction, and Fluctuations in the Labor Market Margins”, with Nikolaos Charalampidis

“Can Departures from Rational Expectations Resolve the Uncovered Interest Rate Parity Puzzle?”, working paper, with Zanna Felipe and Elekdag Selim Ali

Presentations

Canadian Economic Association (CEA), Online, 2024

Société Canadienne de Science économique(SCSE), Montréal, Québec, 2024

Internal seminar at Université Laval, Québec city, Québec, 2024

Before PhD research

“The relationship between financial market development and economic growth in developing countries: the case of Côte d'Ivoire”, with Kadio Arthur Lionel, ENSEA 2019, supervised by COULIBALY Romaric

“The determinants of the adoption of good agricultural practices in cocoa cultivation in Côte d'Ivoire”, Internship at ENSEA 2018, supervised by Jean Mark Kouadio

SPECIFIC SKILLS

Languages: French (native), English (fluent)

Computer Skills: Matlab (Expert), Dynare (Expert), Excel (expert), Stata (advanced), Python (intermediate), Power BI (advanced), R (expert), Eviews (Expert), Package Office (expert), Latex (Expert)

Leadership: Strong listening and communication skills, self-reliant and able to work in teams, quick to adapt, concise, and possessing a critical mindset.

Knowledge: Economic and financial system and basic accounting principles.

REFERENCES

Nikolaos Charalampidis (Advisor)

Associate Professor, Université Laval

nikolaos.charalampidis@ecn.ulaval.ca

<https://nikolaoscharalampidisecon.wordpress.com/>

Kevin Moran (Advisor)

Associate Professor, Université Laval

kevin.moran@ecn.ulaval.ca

<https://www.fss.ulaval.ca/notre-faculte/repertoire-du-personnel/kevin-moran>

ACTIVITIES AND SOCIETIES

Vice President**2021-2022**

Solidarity of Malagasy Students and Researchers Association at Laval University, Laval University, Canada

President**2018-2019**

Association of Malagasy Students at ENSEA, Abidjan, Côte d'Ivoire

SCHOLARSHIPS AND DISTINCTIONS

Full scholarship for the 4th year PhD program**2024-2025**

Funded by research director and tuition fee exemption.

Full scholarship for the 3rd year PhD program**2023-2024**

Funded by research director and tuition fee exemption.

CRREP excellence scholarship**2023**

Granted by Center for research on risks, economic issues and public policies on a competitive basis.

Full scholarship for the 2nd year PhD program**2022-2023**

Funded by research director and tuition fee exemption.

Full scholarship for the 1st year PhD program**2021-2022**

Excellence scholarship and tuition fee exemption.

Winner of the Statistical Economist Engineer Student Recruitment Competition 2016

High-level technical and practical training for which candidates are selected through a highly competitive pan-African competition organized by the French institution CAPESA.