

Mananirina Razafitsiory

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I am a Ph.D. candidate in Economics at Laval University in Quebec, Canada. My research specializes in macroeconomics, international economics, and monetary economics, with a particular emphasis on exploring the relationship between work automation and business cycles.

EDUCATION

PhD Candidate, economics Laval University, Québec, Canada Advisors: Nikolaos Charalampidis, Kevin Moran, Stephen Gordon	2021-2025 (expected)
M. Sc in Statistics and Economics National School of Statistics and Applied Economics (ENSEA), Côte d'Ivoire	2016-2019
M. Sc in applied mathematics, Modeling and Computing University of Antananarivo, Madagascar	2015-2016
M. Sc in Macroeconomics and Modeling University of Antananarivo, Madagascar	2011-2015

RESEARCH

Research interest

Macroeconomics, Automation, International economics and Monetary Economics

Published paper

“Automation in an Estimated Small Open Economy Model”, with Nikolaos Charalampidis, accepted at Canadian Journal of Economics, [paper.pdf](#)

Job market paper

“Automation, Job flows, and Monetary policy”, with Nikolaos Charalampidis, [JMP.pdf](#)

Research in progress

“Monetary and Exchange Rate Policies under Diagnostic Expectations”, with Elekdag Selim Ali and Zanna Felipe

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”, ENSEA 2018, supervised by Jean Mark Kouadio

TEACHING EXPERIENCE

Teaching Assistant, Macroeconomics I, ECN-7010

Fall 2024

Laval University, Quebec, Canada

PROFESSIONAL EXPERIENCE

PhD Intern, Fund Internship Program

Summer 2024

International Monetary Fund (IMF), Washington D.C, United States

Institute for Capacity Development, supervised by Elekdag Selim Ali and Zanna Felipe

Research Assistant

2022-

Laval University, Québec, Canada

Supervised by Professor Nikolaos Charalampidis (advisor for my PhD)

Statistical Assistant

2022-

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.

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.

Internship report

Summer 2018

ENSEA, Abidjan, Côte d'Ivoire

Completion of an internship aimed at obtaining my degree in Engineering Economist Statistician, focusing on the determinants of the adoption of good agricultural practices in cocoa cultivation in Côte d'Ivoire.

Participation in the African Development Bank Survey Project Summer

2018

ENSEA, Toumodi, Côte d'Ivoire

ACTIVITIES AND SOCIETIES

Representative of doctoral students

2024-2025

Association of Graduate Economics Students at Laval University, Quebec, Canada

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

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.

REFERENCES

Nikolaos Charalampidis (Advisor)

Associate Professor, Université Laval

nikolaos.charalampidis@ecn.ulaval.ca<https://nikolaoscharalampidisecon.wordpress.com/>**Kevin Moran (Co-advisor)**

Associate Professor, Université Laval

kevin.moran@ecn.ulaval.ca<https://www.fss.ulaval.ca/notre-faculte/repertoire-du-personnel/kevin-moran>**Stephen Gordon (Advisor)**

Full Professor, Université Laval

Stephen.Gordon@ecn.ulaval.ca[Stephen Gordon | Faculté des sciences sociales | ULaval](#)

SCHOLARSHIPS AND DISTINCTIONS

Full scholarship for the four years PhD program**2021-2025**

Funded by research director, economic department at Laval University and tuition fee exemption.

CRREP excellence scholarship**2023**

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

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.