

Mananirina Razafitsiory

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

+1 (581) 989 9916

Website: <https://mananirina-razafitsiory.github.io/MR/>

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 automation and the labor market.

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
Canadian Economic Association (CEA), Quebec, 2025 (upcoming)
Société Canadienne de Science économique (SCSE), Québec, 2025 (upcoming)

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

Lecturer, principles of macroeconomics, ECN-1010 **Summer 2025**
Laval University, Quebec, Canada

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

| | |
|---|------------------|
| FRQSC fellowship | 2025-2026 |
| Granted by Fonds de Recherche du Québec Science et Culture (FRQSC) | |
| Full scholarship for the four years PhD program | 2021-2025 |
| Funded by research director, economic department at Laval University and tuition fee exemption. | |
| Canadian Economics Association students travel grant, Montreal | 2025 |
| Granted by Productivity Partnership | |

CRREP excellence scholarship (three times)

2023, 2024, 2025

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

Doctoral Writing End-of-Study Grant

2025

Faculty of Graduate and Postdoctoral Studies of Laval University 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.