

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, monetary economics, automation and expectations.

EDUCATION

PhD Candidate, economics Laval University, Québec, Canada Advisors: Nikolaos Charalampidis, Kevin Moran, Stephen Gordon	2021-2026 (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

“Estimating Diagnostic Expectations in Open Economies”, with Elekdag Selim Ali and Zanna Felipe

Presentations

Canadian Economic Association (CEA), Montréal, Québec, 2025
Société Canadienne de Science économique (SCSE), Orford, Québec, 2025
Internal seminar at Université Laval, Québec city, Québec, 2025
Canadian Economic Association (CEA), Online, 2024
Société Canadienne de Science économique (SCSE), Montreal, 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

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	2025-2027
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.