

Hanjatiana Nirina Randrianarisoa

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EDUCATION

University of Michigan
Doctor of philosophy in Economics

Ann Arbor, MI
Expected April 2028

Trinity College
Bachelor of Science in Economics, double major in Mathematics
Honors Thesis, *Magna Cum Laude* (GPA: 3.865)

Hartford, CT
May 2021

African Leadership Academy

Johannesburg, South Africa
June 2016

Experience

Predoctoral Research Specialist, Princeton University SPIA **Princeton NJ, August 2021 – July 2023**

Data-driven Research Fellow (FDR) at the Empirical Studies of Conflict Project

- Completed intensive training in Geographic Information System (GIS) and Text-as-Data research techniques.
- Worked on data cleaning, visualization, analysis, literature review and other tasks, on five different projects.
- Assisted Professor Jacob N. Shapiro on “Cross-Platform Reactions to the Post-January 6 Deplatforming” and “Online Political Influence Efforts Dataset.”
- Assisted Professors Ethan B. Kapstein and Kristopher W. Ramsay on “Climate Change and Great Power Competition.”
- Assist Professor Kristopher Ramsay on “Democracy and Deforestation.”
- Assist Professor Leonard Wantchekon on “The Long-Term Effects of Colonial Repression in Madagascar.”

Executive Strategist, Research In Color Foundation

Princeton NJ, November 2022 – October 2023

Summer Research Assistant, Trinity College

Hartford CT, May – August 2020

Department of Mathematics: Professor Ryan H. Pellico

- Helped conduct research on option pricing methods, especially on the binomial asset pricing method (BAP)
- Used MATLAB to code BAP & study the effects of volatility, time-steps, expiration, and other Greeks
- Collaborated with other RAs to compare the binomial asset pricing against other methods

Teacher Assistant, Trinity College

Hartford CT, January – May 2020

Leadership

President, Trinity College African Students Association

Hartford CT, January 2018 – May 2021

- Presided the executive board in meetings, coordinates the creation, planning, and execution of events
- Held position of Treasurer (2018-2019) and Vice-President (Spring 2020)

2021 Student Director, Trinity Film Festival

Hartford CT, September 2017 – May 2021

- Coordinated the hiring and management of a 20-student-team in organizing the festival
- Held position of Event Coordinator (2018, 2019 Festival) and Senior Event Coordinator (2020 Festival)

Skills

Technology:

Data wrangling, cleaning, visualization and econometric analysis in Stata and R.
GIS data analysis in R and QGIS,
Natural Language Processing (NLP) in R & Python,
Financial Modelling in MATLAB,
Document construction in LaTeX (Overleaf)

Languages:

English (fluent), French (bilingual), Malagasy (native)