

# ELYSÉE ARISTIDE HOUNDETOUNGAN

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## GENERAL INFORMATION

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Current Position	Ph.D. Candidate in Economics at Université Laval, Quebec City, Canada
Fields	Social Interactions and Social Networks, Econometrics
Affiliations	Centre de Recherche sur les Risques, les Enjeux économiques et les Politiques publiques (CRREP)
It Abilities	R, C++, SAS, sql, VBA, Python, Julia, Stata, Latex, Matlab, Linux
Languages	English (working proficiency), French (native)

## EDUCATION

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- Ph.D. Economics, Université Laval 2021 (Expected)
  - Dissertation: “Three essays in applied econometrics”
  - Cumulative score: 4.32/4.33
- Visiting Student, Université de Namur 2019
- M.Sc (*Honor*) Applied Statistics and Economics, ENSAE, Senegal 2016
- B.Sc Applied Statistics, University of Benin 2013

## PUBLISHED PAPERS

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- Dufays, A., Houndetoungan, A., & Coen, A., 2020, Selective linear segmentation for detecting relevant parameter changes, Accepted in **Journal of Financial Econometrics**

## WORKING PAPERS

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- Houndetoungan, A., 2020, Count Data Model With Social Interactions, **Job Market Paper**
- Boucher, V., & Houndetoungan, A., 2020, Estimating peer effects using partial network data, **Submitted in Review of Economic Studies**

## WORK IN PROGRESS

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- Networks in Repo Auction
- Hospital Length of Stays, Readmissions and Deaths: A Multiple Spell Survival Analysis, with Damien Echevin and Bernard Fortin

## WORK EXPERIENCE

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- Consultant at World Bank, Education Global Practice, Washington DC, USA Jan 2020 - Now
- Research Assistant at Université Laval, Economics Department, Quebec, Canada Sep 2019 - Now
- Research Assistant at Université Laval, Finance Department, Quebec, Canada Sep-Dec 2019

- Teaching assistant (Econometrics Graduate students) at Université Laval, Quebec, Canada Sep-Dec 2017
- Internship at West Africa States Central Bank (BCEAO), Cotonou, Benin Jul-Oct 2015
- Internship at Directorate-General for Economic Affairs (DGAE), Cotonou, Benin Jun-Sep 2013

## INVITED TALKS, CONFERENCES, WORKSHOPS

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- 2019: 53rd Annual Conference of the [Canadian Economics Association](#), R conference at Quebec (I present my R package: `CPdetect`), *59e congrès de la Société Canadienne de Sciences Économique*, [CRED](#) workshop in Belgium, 8th PhD Student Conference in International Macroeconomics and Financial Econometrics in France.
- 2017: 22nd Day-Conference for Statistical Analysis Software (SAS) Users in Quebec City.

## SOFTWARE

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- [CDatanet](#) — An R package for estimating Network Models with Count Data
- [PartialNetwork](#) — An R package for estimating Peer Effects Using Partial Network Data

## FELLOWSHIPS AND AWARDS

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- Scholarship of *Fonds de Recherche du Québec - Société et culture* 2018-Now
- World Bank Group Fellowship, African Region 2020
- Tadek Matuszewski Fellowship, Department of Economics, Université Laval 2016-2017
- Doctoral Fellowship of excellence, Social Sciences Faculty, Université Laval 2016-2017
- Scholarship of excellence for B.Sc, Université d'Abomey Calavi, Benin 2010-2013

## INTERESTS AND ACTIVITIES

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- Technology and Programming
- Proven Member of Developer Club and ITPRO ([www.developpez.com](http://www.developpez.com)). I provided several macros for SAS users in statistics: SAS macro to estimate Spatial Autoregressive Model, SAS macro to impute missing data in the survey databases, ...

## REFERENCES

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Available on request.