

CONTACT INFORMATION

90 Chemin Eardley
Appartment 301
Gatineau, QC J9H 4K2

Phone: +1 514 560-7747
Email: jauresndonfack@yahoo.fr
Website: <https://colindonfack.github.io/>

INTRODUCTION

→ Statistician and Empirical economist passionate about using data to solve real-world problems
→ Enjoy working with complex data to uncover insights for smarter strategies or policies
→ Proficient with coding and data tools, and always eager to learn

LANGUAGES

English (fluent), French (native), Spanish (basic)

RESEARCH INTERESTS

→ Empirical Industrial organization
→ Platform economics
→ Applied econometrics
→ Climate change

EDUCATION

Université de Montréal, Canada

→ PhD in Economics (2018-2025)
→ Thesis (defended in January 2025): [Three essays in empirical analysis of supply and demand](#)
→ Job market paper: [Dynamic multihoming by content providers in platform-based markets: focus on the US videogaming industry](#)
→ Supervisor: [Prof Mathieu Marcoux](#)

Subregional Institute of Statistics and Applied Economics, Yaounde, Cameroon

→ MA in Statistics and Applied Economics (2015-2018)
→ Dissertation: State of labor force among young Cameroonians: the role played by fields of vocational training
→ Group Study: Impact of climate information on agricultural output in Rwanda (with two co-authors)

University of Douala, Cameroon

→ BA in Economics (2011-2014)

CONFERENCES & TUTORIALS

→ IVADO Workshop on AI and Economics, Online - Presenter (2025)
→ CIREQ PhD Students' Conference, Montreal - Presenter (2025)
→ CEA Conference, Winnipeg - Presenter (2023)
→ NBER Economics of Artificial Intelligence, Toronto - Attendee (2023)
→ NBER Digital Economics and AI Tutorial, Toronto - Attendee (2023)
→ Congrès de la SCSE, Montréal - Presenter (2022)

AWARDS AND GRANTS

→ J.W. McConnell Foundation Chair in American Studies (2021 - 2022)
→ Graduate Fellowship, CIREQ & Université de Montréal (2018 - 2022)

TEACHING

Université de Montréal

→ Introduction to economics - BA (2022 - 2024)
→ Principles of economics - BA (2021)

TEACHING ASSISTANCE	<p>Université de Montréal</p> <ul style="list-style-type: none"> → Microeconomic Theory - BA (2024); → Introduction to econometrics - BA (2024) → Principles of economics - BA (2021, 2023) → Workshop in applied economics - BA (2019 - 2022) → Econometrics - MA (2022) → Introduction to microeconomics - BA (2021) → Workshop in applied microeconomics and macroeconomics - MA (2019)
RESEARCH ASSISTANCE	<p>CIREQ, Université de Montréal, Canada (2021 - 2023)</p> <ul style="list-style-type: none"> → Assisted Prof Emanuela Cardia, Prof Joshua Lewis and Prof Andriana Bellou → Assisted in finding and processing historical data → Used optical character recognition (OCR) and text analysis tools
MITACS INTERNSHIP	<p>Planhub.ca, Montreal, Canada (2020)</p> <ul style="list-style-type: none"> → Analyzed the pattern of mobile phone plans in Canada and their pricing → Built an automatic anomaly detector, using knowledge in statistics and data science
EVENT ORGANIZATION	<p>CIREQ, University of Concordia, Montreal, Canada</p> <ul style="list-style-type: none"> → CIREQ PhD Students' conference; years 2022 and 2023 → Fellow PhD students from Canada and abroad invited
SKILLS	<ul style="list-style-type: none"> → Software and Coding <ul style="list-style-type: none"> → Python and advanced libraries: scikit-learn, NLTK, TensorFlow & Keras, OpenCV, etc. → Other programming languages: R (advanced); Stata (advanced); SQL (basic) → Tools / Platforms: VS Code, PyCharm, Jupyter Notebook, Git/GitHub, RStudio → Econometrics: estimation, causal inference, policy evaluation → Data Science: Machine learning, Computer vision, Natural language processing → Google Cloud Products: BigQuery, Vision API → Writing & Productivity: Overleaf, LaTeX, MS Office Suite → AI: LLMs & Generative AI (proficient user)
REFERENCES	<p>Prof Mathieu Marcoux</p> <p>Département de sciences économiques; Université de Montréal 3150, rue Jean-Brillant; Montréal, QC H3C 3J7 Office: C-6033 Email: mathieu.marcoux@umontreal.ca</p> <p>Prof Emanuela Cardia</p> <p>Département de sciences économiques; Université de Montréal 3150, rue Jean-Brillant; Montréal, QC H3C 3J7 Office: C-6040 Email: emanuela.cardia@umontreal.ca</p> <p>Prof Joshua Lewis</p> <p>Département de sciences économiques; Université de Montréal 3150, rue Jean-Brillant; Montréal, QC H3C 3J7 Office: C-6032 Email: joshua.lewis@umontreal.ca</p>