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| CONTACT INFORMATION | 90 Chemin Eardley Appartement 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) | |
| PRESENTATIONS | 2025: IVADO Workshop on Artificial Intelligence and Economics (Online) 2023: CEA conference (Winnipeg); CIREQ PhD Students' conference (Montreal) 2022: CIREQ PhD Students' conference (Montreal); Congrès de la SCSE (Montreal) | |
| 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 2024: Introduction to economics (BA) 2023: Introduction to economics (BA) 2022: Introduction to economics (BA) 2021: Principles of economics (BA) | |

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| TEACHING ASSISTANCE | <p>Université de Montréal</p> <p>2024: Microeconomic Theory (BA); Introduction to econometrics (BA)</p> <p>2023: Principles of economics (BA)</p> <p>2022: Workshop in applied economics (BA); Econometrics (MA)</p> <p>2021: Workshop in applied economics (BA); Introduction to microeconomics (BA); Principles of economics (BA)</p> <p>2020: Workshop in applied economics (BA)</p> <p>2019: Workshop in applied microeconomics and macroeconomics (MA); Workshop in applied economics (BA)</p> |
| RESEARCH ASSISTANCE | <p>CIREQ, Université de Montréal, Canada (2021 - 2023)</p> <p>Assisted Prof Emanuela Cardia, Prof Joshua Lewis and Prof Andriana Bellou</p> <p>Assisted in finding and processing historical data</p> <p>Used optical character recognition (OCR) and text analysis tools</p> |
| MITACS INTERNSHIP | <p>Planhub.ca, Montreal, Canada (2020)</p> <p>Analyzed the pattern of mobile phone plans in Canada and their pricing</p> <p>Built an automatic anomaly detector, using knowledge in statistics and data science</p> |
| EVENT ORGANIZATION | <p>CIREQ, University of Concordia, Montreal, Canada</p> <p>CIREQ PhD Students' conference; years 2022 and 2023</p> <p>Fellow PhD students from Canada and abroad invited</p> |
| SKILLS | <p>Software and Coding</p> <p>Python and advanced libraries (scikit-learn, NLTK, TensorFlow & Keras, OpenCV, etc.)</p> <p>R (advanced); Stata (advanced); SQL (basic)</p> <p>Econometrics: estimation, causal inference, policy evaluation</p> <p>Data Science: Machine learning, Computer vision, Natural language processing</p> <p>Google Cloud Products: BigQuery, Vision API</p> <p>Writing & Productivity: LaTeX, Office Suite</p> <p>AI: LLMs & Generative AI (proficient user)</p> |
| 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> |