Alex McLeod, Ph.D.

850-322-7885 | AlexMcLeod225@Gmail.com | Ann Arbor, Michigan | LinkedIn Profile

Employment

School of Information. University of Michigan.   **8/2020 - Present**

Lecturer. Masters of Applied Data Science: (i) *Math Methods for Data Science*, (ii) *Experimental Design and Analysis*, and (iii) *Data Science for Social Good*

- Create course content, including lecture slides and Python assignment questions
- Answer student questions in online office hours and message boards
- Manage and select graduate student instructors

Office of Economic and Demographic Research. Florida Legislature.   **11/2017 - 8/2020**

Economist

- Analyzed data, using Excel, on training programs, VISIT Florida, investment incentive programs, etc.
- Forecasted tax revenues from electricity, natural gas, and communication services
- Determined the state's return on investment from various programs using a CGE model of Florida

Department of Economics. Queen's University   **9/2011 - 5/2017**

Lecturer. M.A. in Economics: *Graduate Math and Introduction to Computing*

- Built the entire course, including the curriculum, lectures, assignments, and exams
- Taught the course to the incoming M.A. in Economics cohort in 2015 and 2016

Teaching Assistant. Various Ph.D., M.A., and undergraduate-level courses

- Graded assignments, held office hours, organized grades

Education

Department of Economics. Queen's University.

- Doctor of Philosophy, specialization in game theory and macroeconomics   **9/2011 - 8/2017**
- Master of Arts   **9/2009 - 8/2010**

Department of Economics. University of Western Ontario.

- Bachelor of Arts (Honors) with minor in Technical and Professional Communication   **9/2005 - 5/2009**

Achievements

- "Discovery, Disclosure, and Confidence" by Alex McLeod

    Published in *International Review of Law and Economics*   **2021**

- Completed fifteen courses, using Python, offered on Coursera by UC San Diego, University of Michigan, and Rice University related to (a) Algorithms and (b) Data Science (certificates available upon request)   **2021**

    (a) Dynamic Programming, Algorithms on Graphs, Algorithms on Strings, Data Structures, etc.
    (b) Pandas, Machine Learning, SQL, Matplotlib, Object Oriented Programming, etc.

- Presented my original research and acted as a discussant for other papers

    Canadian Economic Association Conference   **2016, 2017**
    International Conference on Game Theory at Stony Brook   **2016**

- 2500+ Puzzle rating on both Chess.com and LiChess.org   **2021**