



Professional Experience

ASSOCIATE, LIMESTONE ANALYTICS; KINGSTON, ON – SEPT. 2017 - PRESENT

- Project manager for the evaluation of UK Department for International Development's Girls Education Challenge project in Zimbabwe
- Analyzed data from girls, households, teachers, and school headmasters to identify barriers and characteristics associated with girls' education outcomes
- Used data to make recommendations for project implementation and evaluation methodology
- Trained enumerator teams on data collection protocols in rural Zimbabwe and oversaw first two weeks of data collection
- Led the evaluation of child labour projects in Cambodia and female entrepreneurship projects in Brazil using cost-benefit analysis tools

BUSINESS ANALYST, EMPLOYMENT AND SOCIAL DEVELOPMENT CANADA; OTTAWA, ON – JAN. 2013 - AUG. 2016

- Used Base SAS, SAS EG, and SQL to analyze data with billions of observations and thousands of variables to build models to predict fraud in the Employment Insurance Program and make suggestions for policy improvements
- Designed and evaluated control-treatment studies to determine the efficacy of interventions in the Employment Insurance Program

ASSISTANT PROGRAM COORDINATOR, CARLETON UNIVERSITY'S STUDENT EXPERIENCE OFFICE; OTTAWA, ON – SEPT. 2014 - APR. 2015

- Managed participant information and assisted with international development trips for the Alternative Spring Break Program

CO-OP: SUPPLY CHAIN DATA ANALYST, NOKIA (FORMERLY ALCATEL-LUCENT); OTTAWA, ON – APR. 2012 - AUG. 2012

- Analyzed and reorganized business intelligence reporting to improve accuracy of inventory reporting
- Nominated by supervisor for Carleton University's Co-op Student of the Year Award

Education

Queen's University – Third-year PhD candidate, Economics

- Won the Ontario Graduate Scholarship (2016-17, 2017-18, 2018-19 academic years)
- 3.6 GPA (on a 4 point scale)

Carleton University – M.A. Economics and Data Science, June 2016

- Won Huntley Schaller Memorial Scholarship in Economic Research

Carleton University – B. Commerce, concentration in finance, June 2015

- Graduated with High Distinction (10.7/12.0 GPA)

Academic Research

REFEREED JOURNAL ARTICLES

Cotton, Christopher S., Frank McIntyre, Ardyn Nordstrom, and Joseph Price. "Correcting for bias in hot hand analysis: An application to youth golf." *Journal of Economic Psychology* (2018).

NON-REFEREED CONTRIBUTIONS

Dick, Kevin, and Ardyn Nordstrom. "Identifying Unvaccinated Individuals in Canada: A Predictive Model." arXiv preprint arXiv:1607.08656 (2016).

WORKING PAPERS

A. Nordstrom, "Girls education in Zimbabwe: An application of model shrinkage techniques"

A. Nordstrom, "Quantifying qualitative data: An economic application of qualitative analysis and machine learning techniques"

C. Cotton and A. Nordstrom, "The impact of severe droughts on the education of at-risk youth in Zimbabwe"

C. Cotton, E. Richert, J. Nanowski, and A. Nordstrom, "Can empowering at-risk girls improve math performance? Evidence from rural Zimbabwe"

Nield, Kerry, and Ardyn T. Nordstrom. *Response Bias in Voluntary Surveys: An Empirical Analysis of the Canadian Census*. No. CEP 16-10. 2016.

Teaching Experience

ECON 437 COST BENEFIT ANALYSIS, QUEEN'S UNIVERSITY, WINTER 2019 & FALL 2017

- Prepared and delivered tutorials on CBA topics and examples
- Graded assignments and quizzes

ECON 435/835 ECONOMIC DEVELOPMENT, QUEEN'S UNIVERSITY, FALL 2018

- Delivered tutorials to guide students on how to use Stata
- Graded assignments and final exams

EERL 804, ECONOMIC ESSENTIALS FOR THE MINING SECTOR, SUMMER 2018

- Developed case studies, assessments, and associated solution sets for a master's level course on evaluating the social impact of mining projects

CERTIFIED PROFESSIONAL IMPACT ANALYST , QUEEN'S UNIVERSITY, SUMMER 2018

- Assisted with the development of lecture content on health, education, power, and other aspects of economic development

ECON 239 ECONOMIC DEVELOPMENT, QUEEN'S UNIVERSITY, WINTER 2018

- Graded case studies and final exams

ECON 2102 INTERMEDIATE MACROECONOMICS II, CARLETON UNIVERSITY, WINTER 2016

- Prepared and delivered weekly 90 minute tutorials to review course content and practice problems
- Graded weekly assignments and quizzes for 89 students

Awards

- Ontario Graduate Scholarship (2016-17, 2017-18, 2018-19 academic years)
- Carleton University Data Day prize for work *Identifying Unvaccinated Individuals in Canada: A Predictive Model* (2016)
- Huntley Schaller Memorial Scholarship in Economic Research (2016) for research on response bias in the 2011 Canadian Household Survey
- Carleton University Student Association Honours Award (2015)
- Jane M. Klausman Women in Business scholarships from Zonta International (2014)
- Distinguished Toastmaster (2015)
- Peter M. Cleveland Leadership Award (2014)
- Scholarship in Comparative Economics (2014)

Technical Skills

- Extensive experience with R, Base SAS, SAS Enterprise Guide, and SQL edit, combine, and analyze data from dozens of databases containing hundreds of millions of records with hundreds of variables
- Extensive experience using Stata to build econometric models
- Extensive experience using Microsoft Excel to organize, analyze, and present data; including the use of pivot tables, charts, slicers, Crystal Ball, and macros
- Experience building models and conducting statistical analyses using SPSS, R, and Matlab
- Successfully completed Udacity's "Introduction to Programming" nanodegree to learn HTML and Python
- Currently enrolled in Udemy's "Introduction to Qualitative Analysis" and "Spatial Analysis using QGIS and R" courses

Extra-Curricular

BOARD MEMBER, KINGSTON FRONTENAC PUBLIC LIBRARY; KINGSTON, ON – SEP. 2016 - JANUARY 2019

- Plan library events and programs for Kingston Frontenac Public Library patrons aged 18-30

VP EVENTS, CARLETON GRADUATE ECONOMICS SOCIETY; OTTAWA, ON – SEP. 2015 - APR. 2016

- Organized academic and social activities for economics graduate students at Carleton University

TEAM LEADER, CARLETON UNIVERSITY ALTERNATIVE SPRING BREAK; OTTAWA, ON & GUATEMALA – OCT. 2013 - APR. 2014

- Coordinated a silent auction that raised over \$5,000 for international development agencies
- Lead community service projects with Ottawa's Salvation Army
- Worked with partner organization "Pura Vida" in Guatemala on projects to address the region's environmental, nutrition, and health-related issues

PROGRAM MENTOR, BIG BROTHERS BIG SISTERS; OTTAWA, ON & GUATEMALA – APR. 2011 - MAR. 2014

- Organized and facilitated sessions as part of the "Go Girls!" school program to emphasize importance of maintaining a healthy lifestyle to girls ages 10-13
- Answered student questions about physical and mental health

References available upon request.