Christopher Holiday

Data Analyst

Email:
Christopher.holiday@mail.utoronto.ca
Phone:
+1 647-382-5659
Address:
6 Hall Crescent, Brampton, ON L6X 3J9
Github:
github.com/chrisjohnholiday/
Languages:

English, B1 French

Data Management and Analysis: Extensive experience in the STATA programming for cleaning large raw datasets and building models for analysis, programmed error correction as well as monitoring and evaluation in R, dynamic and static report generation for visualization and decision making

Research: Conducted literature reviews on RCT evidence and WHO material to summarize effectiveness of programs and identify areas for program expansion; strong oral and written communication skills; experienced in editing, formatting and proofreading

Interpersonal Skills: Adept in scheduling and coordinating projects with a team in different timezones; directed and supervised others in both team and teaching environments; relayed information/communication between others and resolve conflict

Experience

Charity Science Health / Junior Data Analyst

May 2019- August 2019, Remote

- Utilized both R and STATA to clean and correct entry errors in raw data collected through SurveyCTO and Excel. Generated clean merged datasets for both monitoring and evaluation and direct use in program operations.

- Developed static and dynamic reports in LaTeX, Rmarkdown and pdf of cleaned data to evaluate aspects SMS reminders program. Insights gained from reports were used for quality control and organizational decision-making.

- Conducted extensive research and literature review to improve program efficiency. Evaluated effectiveness of different potential interventions. Findings were used to identify an area of inclusion in existing program

Education

University of Toronto / Honours Bachelor of Arts: Economics & Political Science with High Distinction

September 2014 - April 2019, Mississauga

Relevant Courses: Applied Econometrics I; Applied Econometrics II, Advanced Microeconomic Theory; Advanced Macroeconomic Theory

Competencies

Stata: Multivariate analysis, Logistic Regression, Two Stage Least Squares, Panel and Time Series, Monte Carlo Simulation, Data Wrangling/Cleaning, Data Analysis/Visualization, Dynamic Reporting

R: Data Wrangling/Cleaning, Regex String Manipulation for Data Correction, Analysis/Visualization, Geo-Spatial Plotting

Other Software: Excel, LaTeX, Git, Jupyter Notebook, GoogleScript