JACKIE TANG

Economist at Statistics Canada. I have strong statistical analysis skill and deep understanding of a range of statistical software packages/programming languages. I am currently searching a position that fills with challenges and gives full play to my professional knowledge on data analysis and programming. I am broadly interested in data mining, integration, visualization and machine learning.

CURRENT EMPLOYMENT STATUS

- **EC-04 Indeterminate**
  Home department: Statistics Canada

SECURITY CLEARANCE

- **Reliable**

SECOND LANGUAGE PROFILE

- **Unilingual**
  Preferred language for interview: English

EDUCATION

Research Analyst Post-graduate Certificate
Humber College
📍 Toronto, Canada
2014 | 2013

· **Research project:** Need a job? An examination of Humber College students employment experiences, 2013/4

M.A., Economics
McMaster University
📍 Hamilton, Canada
2011 | 2010

· **Research project:** The effect of maternal employment on youth smoking behaviour
· **Research project:** Fertility rate and female labour force participation in Canada

B.A., Economics and Mathematics
McMaster University
📍 Hamilton, Canada
2010 | 2006

· **Thesis:** The effect of minimum wage on youth employment in Canada

View this CV online with links at *tangjackie.github.io*

CONTACT

- ✉ tangj26@gmail.com
- 📞 (1) 647-705-9037
- github.com/tangjackie
- 🔗 tangjackie.github.io
- in linkedin.com/in/jackie-tang-58449a27

SKILLS

- SAS
- SQL
- R
- Python
- HTML
- Markdown

✸ CERTIFICATE

- SAS® Certified Advanced Programmer

💼 WORK EXPERIENCE

Current
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2019

Economist
National Economic Account Division, Statistics Canada

📍 Ottawa, Canada

- Evaluate, manipulate and analyze data from surveys or other data sources using statistical methods.
- Successfully produced an industry analysis that provides an overview of the book publishing industry as well as various performance measures of the industry using different data sources .
- Analyzed the two satellite accounts and the available Statistics Canada's data sources to develop a feasibility study report regarding methodologies and procedures.
- Build and maintain collaborative relationships with internal and external stakeholders.
- Provide feedback on collection, processing, editing, compilation and presentation, methods and procedures following data analysis and make recommendations for improvement to current surveys and activities.
- Regularly provide updates and present results to management.

2019
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2018

Analyst
Demography Division, Statistics Canada

📍 Ottawa, Canada

- Co-authored an article entitled "Living alone in Canada".
- Conducted literature reviews on various topics related to families, households and living arrangements.
- Performed data extraction and manipulation over large datasets (such as censuses, General Social Survey and Longitudinal Immigration Database) using SAS Macro and SQL.
- Conducted quantitative analysis using SAS and Sudaan languages. Results were interpreted according to relevant.
- Developed regression models and applied statistical methods to evaluate the emigration patterns of recent immigrants.
- Produced summary tables and figures based on Statistics Canada publication standards using SAS and Microsoft tools, and worked with internal colleagues to prepare the article for publication.

2018
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2016

Economist
National Economic Account Division, Statistics Canada

📍 Ottawa, Canada

- Developed estimates utilizing both surveys and administrative data.
- Investigated and resolved any data issues and/or discrepancies
- Researched and assessed new data sources from outside vendors for potential use.
- Assisted in the drafting of written reports and presentations resulting from analysis

2015 | 2014

Research Analyst

London district Catholic School Board ⚲ London, Canada

- Assisted in the design, implementation and evaluation of a number of research and program evaluation projects.
- Provide research, administrative and technical advice pertinent to projects and department needs.
- Conducted client surveys and developed data collection instruments and procedures.
- Compiled, analyzed and interpreted quantitative and qualitative data with professional software.
- Used R language to create a number of intricate datasets which produced statistics, tables and charts for several internal-use report.
- Prepared various proposals, reports and presentations.

2013 | 2012

Administrative Clerk

Gamma-Dynacare Medical Laboratories ⚲ Brampton, Canada

- Sorted, filed and retrieved consultant reports and slides.
- Entered patients' demographic, test information and/or results with computerized system.
- Handled clerical and administrative work like filling, drafting, answering emails, inquiries, making calls, passing on the messages and etc.

📖 PUBLICATION

2019 | 2018

Living Along in Canada

Insights on Canadian Society, Statistics Canada, 75-006-X201900100003

- J. Tang, N. Galbraith and J. Truong

🖥 TEACHING EXPERIENCE

2011 | 2011

Teaching Assistant (TA)

Department of Economics, McMaster University

- Course: Econometrics II
- Served as TA for one day workshop on how to use SHAZAM (a computer package for econometrics and statistical computing)

2010 | 2010

Teaching Assistant (TA)

Department of Economics, McMaster University

- Course: Intermediate Macroeconomics I

2009 | 2009

Teaching Assistant (TA)

Department of Mathematics and Statistics, McMaster University

- Course: Probability and Statistics for Engineering
- Provided assistance with R language