**Juntao Zhang**

1001 Bay Street, Toronto, Ontario M5S 3A6

(519)-701-8516 [jz16gz@brocku.ca](mailto:jz16gz@brocku.ca)

***EDUCATION***

***Master of Business Economics, Co-op Option*** September /2016—August/2018

Brock University, St. Catharines, Ontario

* Core Modules: Microeconomics, Macroeconomics, Statistical Modelling in Python, Time Series, Finance, Regression Analysis, Accounting.
* GPA: 3.85/4

***Honours Bachelor of Financial Modelling*** September/2012—April/2016

Department of Statistical and Actuarial Sciences

Western University, London, Ontario

* Academic Honours: Dean’s Honour List
* Core Modules: Financial Mathematics, Statistical Programming in R, Applied Mathematics, Financial Markets & Investment, Financial Modelling.

***TECHNICAL KNOWLEDGE AND LANGUAGE SKILLS***

* **Finance Certificates**:

Passed *Society of Actuaries* Probability Exam & Financial Mathematics Exam.

* **Programming Competence**: R Language, Python, Matlab, C++, SQL, Linux Bash

Used R language processing and analyzing large volume data.

Programming in Python for regression and time series analysis.

* **Business Software:**

Proficient in using Microsoft Office programs such as Word, Excel, and Access.

Familiar withBloomberg Terminal, obtained BMC (Bloomberg Market Concepts) Certificate.

***WORK EXPERIENCE***

***Marketing Analyst*** September/2017 – May/2018

RBC, 88 Queens Quay West Toronto

* Build and implement text classification models using machine learning algorithms in Python from feature selection to model assessment end to end.
* Perform voice and text analytics supporting the lines of business in meeting their marketing and strategic imperatives using voice recognition software on Linux clusters.
* Develop and validate statistical models to ascertain the likelihood of specific event based on key words mined using Natural Language Processing techniques and machine learning algorithms.
* Perform deep-dive analytics on client interaction strategy, client treatment plan and triggers and present insights and recommendations to continuously improve on current client-centric strategies.

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***Enterprise Stress Testing Analyst*** May/2017-September/2017

Scotiabank, 4 King St. Toronto

* Work with senior manager to develop and implement models to quantify the impact on revenues of stress scenarios across wholesale and retail assets for Point-in-Time PD (Probability Default) model and LGD (Loss Given Default) model within IFRS9.
* Facilitate the benchmarking of stress test results through comparison to historical data from various sources, as well as to results from the Enterprise Wide Stress Testing annual exercise.
* Prepare and process model-related data and documentation and stress testing procedures.
* Create data visualization application from large volume dataset using automation method.

***VOLUNTEER EXPERIENCE***

***Special Adult Education*** June/2015-April/2016

Hutton House, London, Ontario

* Worked as tutor to teach people with disabilities mathematical knowledge and reading skills.
* Taught them to learn basic mathematical skills such as counting money, comparing prices by my patience and math ability to help them to deal with daily calculation.
* Given them confidence by communication skills to encourage them reading newspaper and magazines.

***AWARDS***

* **Dean’s Honor List**, Western University
* **Graduate Assistantship**, Brock University
* **Graduate Fellowship,** Brock University
* **International Tuition Fellowship,** Brock University
* **Mohamed Dore Graduate Research Scholarship in Economics**, Brock University