**Juntao Zhang**

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

***EDUCATION***

***Master of Business Economics***  2018

Brock University, St. Catharines, Ontario

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

***Bachelor of Science Honors in Financial Modelling***  2016

Western University, London, Ontario

* Academic Honors: Dean’s Honors 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.

Working towards CFA

* **Programming Competence**:

R Language, Python, Matlab, SAS, C++, SQL, Linux Bash

* **Business Software:**

Microsoft Office Suite, Excel VBA

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

***WORK EXPERIENCE***

***Manager, Marketing Analytics*** 2017 – present

RBC, 88 Queens Quay West Toronto

* Used SAS and SQL to source and extract data essential from Teradata to perform in-depth analytics to identify revenue enhancing and cost saving opportunities while ensuring relevant insights are being applied.
* Performed Natural Language Processing (NLP) with Python to conduct analysis on marketing phone calls in order to support different lines of business in meeting their marketing and strategic imperatives.
* Built and implemented text classification models using machine learning algorithms from feature selection to end to end model assessment.
* Developed and validated statistical models to ascertain the likelihood of specific event based on key words mined using Natural Language Processing techniques and machine learning algorithms.

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***Enterprise Stress Testing Analyst*** summer 2017

Scotiabank, 4 King St. Toronto

* Worked 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.
* Facilitated 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.
* Prepared and processed model-related data and documentation and stress testing procedures.
* Create data visualization application using R Shiny from large volume dataset using automation method.

***VOLUNTEER EXPERIENCE***

***Special Adult Education*** 2015 - 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