

Juntao Zhang

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(519)-701-8516 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 with Bloomberg 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