

SIQI ZHENG

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EDUCATION & TRAINING

University of Toronto, St. George Campus, Toronto

Honors Bachelor of Science

2018 - 2022

- Specialist in Applied Statistics, Minor in Mathematics and Physics
- CGPA: 3.76/4.00
- A for Multivariate Calculus, Advanced Differential Equations, Multivariate Regression, Sampling Statistics and Bayesian Statistics

China Life International Academy, Hong Kong

Outstanding Candidate

June 2019

- Studied Financial knowledge and insurance product design
- Lead a group of 4 university students in a financial product design competition
- Won the **first place** in the competition

PROFESSIONAL EXPERIENCE

Data Analyst Intern

Social Media Department, Foshan TV Station, Guangdong, China

May. 2021 – Present

- Retrieved and analyzed daily data from SQL databases and prepared results and visualizations for weekly presentations via MS Office
- Generated business insights from the number of views (2K ~ 1M) of different articles/short videos and the number of active users and new subscribers of the organization's social accounts on Wechat, Weibo, TikTok and Kuaishou
- Collaborated with colleagues to improve the operational process and attracted more advertisements on social media platforms
- Reviewed user feedbacks and increased the influences of a new App for short videos: the number of download surpassed 7M

Undergraduate Teaching Assistant

Department of Statistical Science, University of Toronto, Toronto, Ontario

Sep. 2020 – Apr. 2021

- 1 of 12 undergraduate teaching assistants for undergraduate courses at the Department of Statistical Science
- Led an independent class of 24 students in each semester, delivered one-hour tutorial about Applied Statistics
- Piloted and guided successfully more than 40 group projects on voter opinions about Canada's large federal political parties based on political data and business strategies for Toronto Yacht Club with current members' information
- Nominated for the TA Teaching Excellence Awards

RESEARCH EXPERIENCE

Journal Publication

- Siqi Zheng. (2021). From Mass-Dependence Model to Acoustic Mechanism: Two Mechanisms for Core-Collapse Supernova and Their Implications. *Arbor Journal of Undergraduate Research*, Volume 2. https://issuu.com/arbor.assu/docs/arbor_journal_2021_

CO-CURRICULAR ACTIVITIES

DataFest Competition Group Leader

DataFest Competition, Department of Statistical Science, University of Toronto

June. 2020 – July 2020

- Lead a group of 4 to visualize Mobility behaviors with Google/Apple Mobility data on interactive R Shiny Dashboard and GitHub
- Predict COVID-19 cases with Mobility Data via Multiple Regression Model

Science Teacher/Librarian Teacher

University of Toronto & Clinton Junior Public School (Vic Reach Program)

Sep. 2018 – Apr. 2019

- Managed K-6 classes with more than 100 students in total and taught mathematics and science knowledge at multiple levels
- Received certificate for 60+ hours of contribution from Victoria College, University of Toronto

SKILLS AND INTERESTS

- Written/Verbal Skills: Mandarin/Cantonese (Native), English (Professional)
- Programming skills: R, Python, SQL

June 22nd, 2021

Siqi Zheng

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CMM team

RBC

Toronto, ON

Dear Lin Qin,

I am a fourth-year student in Applied Statistics with a focus on Physics and I am very interested in the intern position in CMM team during Fall 2021. I am applying for this position because I am eager to explore financial modeling and apply my academic knowledge and quantitative skills to risk management. Furthermore, I have participated in many open activities in the RBC WaterPark Place or virtually. Based on my past experience, I believe RBC provides an inclusive environment for employees and offers many opportunities for professional development.

I have wanted to work in the financial industry since I received training in portfolio management in Hong Kong and won the first place in the final competition. The idea about balancing risks and returns intrigued me, so I would like to explore more in the area of financial modeling. As a student, I have strong technical skills in R, Python and SQL and proficient statistical knowledge. I have done multiple Data Science projects, such as building interactive dashboard for COVID-19 cases and multiple regression model for Toronto Housing Price. I also guided many group projects related to statistical models as a teaching assistant at UofT, and the details can be found on the Resume page.

As an independent learner, I am self-motivated to expand my knowledge in financial analysis. Now I have received certificates about statistical analysis in Finance, such as ARIMA models and Time Series Analysis, on DataCamp. Moreover, I am a Data Analyst intern in the social media department for a media company this summer, so I have both working knowledge and technical skills to analyze data and create insightful presentations.

I developed my communication and collaborative skills not only as an intern in the media company, but also as a volunteer in a public school in GTA. I worked with my host teacher to lead group study sessions and applied theoretical knowledge into practice innovatively. Therefore, I believe I am a good team player and can work in different dynamics.

I appreciate this opportunity to discuss my interest in the role. I would be thrilled to learn more about this position and show you more about how I can contribute to RBC CMM Team.

Best,

Siqi Zheng