

# Chenyue Zheng

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## Work Experience

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### Market Assistant

UnionPay International - North York, ON

March 2020 to Present

- Filtered and tested over 2000 Moneris enabled merchants to determine potential merchants for UnionPay International (UPI)
- Designed 7 tourism routes across Canada and collected merchant information of local tourism businesses along the routes to provide business insights
- Utilized benchmark table to analyze the current 3D Secure 2.0 implementation and promotion in major card organizations to provide developmental recommendations for UPI
- Engaged in sales activities to introduce the benefits of UPI acceptance to merchants. Responsible for follow-ups with merchants to resolve any problem incurred
- Coordinated communication within the UPI Toronto team. Responsible for collecting and organizing project updates on a weekly basis to form a progress report for the upper management

### Data Analyst

Data Science Project, University of Toronto - Toronto, ON

September 2018 to December 2018

- Collected and cleaned data from multiple sources.
- Analyzed the influencing factors of the homeless shelter's occupancy rate.
- Applied machine learning algorithm to predict the occupancy rate of Toronto's homeless shelter.
- Provided suggestions on the Toronto's homeless shelter system

### Financial Analyst

Plant Design Project, University of Toronto - Toronto, ON

September 2017 to December 2017

- Assisted in the design of a drinking water treatment plant at the Gulf Bay First Nation Reserve that met the Ontario Safety and Health Act (OSHA) standards, safety codes, and fire codes.
- Estimated capital expenditure, operating costs, maintenance costs, and revenue by analyzing the net present value (NPV) and equivalent annual cost (EAC). Created cash flow diagrams and sensitivity tests.
- Utilized Lean 5S methodology to maintain a facility arrangement.

### Data Analyst

Statistic project, University of Toronto - Toronto, ON

September 2016 to December 2016

- Processed four years of information for over one million power usage data points from a multi-family residential property.
- Organized data by specific categories and then applied hypothesis tests to exhibit trends on usage and consumption.

- Created a targeted power saving plan based on the statistical finds for more energy efficient households.

## **Internship Student**

SP Chemicals

May 2016 to August 2016

2016 SUMMER

- Worked as summer intern at HSE (Health, Safety and Environment) department
- Performed periodic site walkabout to identify potential health and safety risks; constructed weekly inspection report
- Performed risk assessment on facilities and major equipment by reviewing past inspection reports and performing yearly health and safety event trending; based on the risk assessment, improved walkabout route and frequency to enhance overall inspection efficiency
- Examined hazardous gases emission; assisted in root cause investigation in case of over-limit emission
- Cooperated with procurement department; provided health, safety and environment assessment on production equipment purchases

## Education

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### **MASTER OF APPLIED SCIENCE AND ENGINEERING in Department of Mechanical & Industrial Engineering**

University of Toronto

September 2018 to July 2019

### **BACHELOR OF APPLIED SCIENCE AND ENGINEERING in Department of Applied Chemistry and Chemical Engineering**

University of Toronto

2018

### **SUMMER EXCHANGE in Economics**

National University of Singapore

## Skills

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- VBA
- Python
- C
- Minitab
- Sql
- Matlab
- R
- Autocad
- problem solving
- Organizational Skills
- Communication
- Time Management

- Six Sigma Green Belt
- Microsoft Office
- Advanced Excel

## Certifications and Licenses

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### **Google Analytics for Beginners**

Present