

# Valerie Chen

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## EDUCATION

### **Bachelor of Science (Statistics)**

2016 - Present

University of Manitoba

Relevant courses: Probability in Statistics; Statistics and Computing; Nonparametric Statistics

## RELEVANT SKILLS

### **Statistical Analysis**

- Collected, cleaned and managed data from various sources to identify factors related to variables of interest using various nonparametric inference procedures
- Evaluated existing approaches to hypothesis testing, data points and database structure to find ways for further improvement
- Estimated and identified metrics that are predictive of a specific data type or pattern by applying method of moments estimating

### **Research Skills**

- Performed data analysis on multiple financial variables to determine conditions and profitability for insurance holders
- Conducted field research and surveys to collect data on consumer behavior at Flyer Construction
- Prepared reports on wildlife aging and life cycles of animals in a provincial park as part of a course project

### **Interpersonal and Communication Skills**

- Presented research findings to members from non-statistical disciplines in Economical Insurance course
- Prepared and delivered informational seminars on various exchange programs offered at AIESEC Manitoba
- Interacted with co-workers, students, and researchers on joint projects
- Communicated with, and assisted, customers in a friendly, professional manner in a retail setting

## SPECIAL SKILLS

Computer Skills    Python, R, SPSS, Microsoft Word, Excel, Access  
Languages        Fluent in English, Mandarin and Cantonese

## WORK EXPERIENCE

### Park Guide

Summer 2019

Department of Canadian Heritage - Parks Canada, Manitoba

- Conducted patrols to ensure that park visitors were complying with federal and provincial statutes relating to the environment
- Guided multiple junior high and high school visits in the park while providing educational information on brochures
- Greeted visitors, responded to enquiries promptly and professionally at the entrance gates and the Visitor Centre

### Office Assistant

2017-2019

Flyer Construction

- Collaborated with other building professionals to construct garages and storage sheds consistently increasing productivity
- Completed physically demanding tasks effectively in diverse weather conditions and deadline-driven environment
- Ensured safety and cost effectiveness by utilizing various construction related tools and equipment

### Sales Associate

2017-2018

Rocky Mountain Soap Co.

- Provided fast and friendly service to customers throughout long work shifts in a fast-paced store under minimal supervision
- Brought new and enthusiastic ideas about reception process to drive sales exponentially and lead sales team to success
- Solved problems with products control and the cash register in a timely and efficient manner to optimize productivity

## VOLUNTEER EXPERIENCE

### Volunteer Produce Inventory Organizer

2017-2018

Winnipeg Harvest

### Outgoing Exchange Consultant

2016-2017

AIESEC Manitoba

## MEMBERSHIPS

### Member

2017 - present

UMSSquared (University of Manitoba Statistics Students)

## INTERESTS

Reading, cooking, and bullet-journaling