

# Yuxuan Chen

#2908 33 Bay st  
Toronto, M5J 2Z3  
+1(647) 219-8920  
sherrychen127@gmail.com

## EDUCATION

### **St James Collegiate, winnipeg, Canada**

September 2013 - June 2016

Graduated with the highest overall average of 98 percent, achieved 100 percent in grade 12 Physics, chemistry and AP Calculus.

### **Faculty of engineering and Applied Science, University of Toronto, toronto, Canada**

September 2016 - present

First year Engineering Science student. Coursework include: structure and materials, Calculus, Linear Algebra, Fundamental of Electric circuits, Algorithms and Data Structures, Molecules and Materials.

CGPA 3.72/4.0

## SKILLS

**Programs:** Microsoft Word, Excel, Powerpoint, Matlab, Adobe Acrobat, CapStone software

**Computer languages:** python, C

**Languages:** fluent in English, mandarin, Cantonese

## PROJECTS

### **Global Space Balloon - 2015 & 2016**

- Designed and constructed a payload containing 2 cameras and a tracking beacon and used a high altitude balloon to send it to space.
- Researched various design for the payload, and made several prototypes with different shapes.
- Performed as the role of leader in this project and collaborated with teammates.

### **Girls For Change - 2016**

- Fundraised and made presentations to High school students to spread awareness regarding health related issues for young women in Africa.

### **World Cafe**

2016

- Started the World Cafe project in 2016, which brought students with diverse cultural backgrounds together to build community through the reading of first

- language novels, followed by student led discussions in English
- Planned annual “Culture Chaos” event. Students showcased their own cultures through music, food, art, cultural activities.

## ACTIVITIES

### SATURDAY TUTOR PROGRAM

2017 Jan – present

- Tutor high school students maths and science every saturday for four hours.

### YOUTH IN PHILANTHROPY

2013 – 2016

- Visited local charitable organizations
- Consensus building on the committee around granting funds to specific organizations

### STUDENT COUNCIL

2013–2016

- Participated in a number of school activities and fundraising event.

## VOLUNTEER

### Engineering Science Education conference Jan 20, 2017

- Volunteered as operational assistant at ESEC conference

### Linwood Day Care 2015 fall -2016 fall

- Volunteered in day care centre for three hours a week

### Manitoba Museum 2014 winter– 2015 fall

- Volunteered in museum for three hours a week

## AWARDS

**Caley Math Contests in 2014** school champion and was ranked in the top 25 percent of contestants

**Fermat Math Contests in 2015** School champion and was ranked in the top 25 percent of contestants

**High School Physics Prize Examination in 2015** ranked top 4 in the province of Manitoba

**High School Physics Prize Examination in 2016** ranked second place in the province of Manitoba

**2015 Sir Isaac Newton Exam presented by University of Waterloo** Ranked in the top 5 % of all contestants

**The 60th annual Manitoba Mathematical Contest 2016** Fourth Prize Winner in the province of Manitoba