

# Chenran (Vicky) Wang

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## SKILLS AND ATTRIBUTES

- Languages:
  - Fluent in written and oral English
  - Fluent in written and oral mandarin
- Lifesaving Society Certifications:
  - Basic First Aid (2014)
- Computer Skills:
  - Proficient in Microsoft Word, PowerPoint, Excel, Internet search engines
  - Confident with Mac and Windows operating systems
  - Able to program in Java and html
  - Confident with website designing
  - Able to CAD using Solidworks
  - Able to use Github and Gitshell
  - Xcode
- Engineering:
  - Experienced with mechanical design
  - Confident to use tools to fabricate and manufacture parts
  - Able to wire electrical components
- Arts: Proficient in photography and sketching
- Organized and hard working
- Growth mindset
- Innovative and creative
- Adaptable and energetic
- Enthusiastic and determined
- Independent and mature
- Eager to learn

## EDUCATION

- St. Mildred's-Lightbourn School (2013-Present)  
1080 Linbrook Road, Oakville, Ontario, L6J 2L1
- Currently working toward completion of Ontario Secondary School Diploma
- Curricular strengths:
  - Physics
  - Mathematics
  - Chemistry
  - Computer science
- The High School Affiliated to Renmin University of China: Beijing (2010-2013)
- Beijing 21<sup>st</sup> Century International School (2004-2010)

## SCHOOL INVOLVEMENT

- FIRST Robotics (2013-Present)
- First Lego League: Mentor (2014-Present)

- Round Square Committee (2013-Present)
- STEM Council (2014-Present)
- Mental Health Committee (2014-2015)
- Photography Club (2013-Present)

## **AWARDS and ACHIEVEMENTS**

- Duke of Edinburgh's Award: Silver Level (In progress), Bronze Level (2014)
- Mathematics Most Dedicated Award (2014)
- Mathematics 3-Year Highest Average Award (2016)
- Honour Roll Recipient (2013-present)
- Fermat Math Contest School Champion and top 25 percent (2015)
- Euclid Math Contest School Champion and top 25 percent (2016)
- FIRST Robotics: Chairman Award of Pittsburgh Regional (2014)
- Robotics Team Rookie All Star Award (2014)
- Robotics Team Gracious Professionalism Award (2016)
- FIRST Robotics: Chairman Award of Windsor Regional (2015)
- FIRST Robotics: Engineering Inspirational Award: Toronto Central Regional (2015)
- FIRST Robotics: Engineering Inspirational Award of Carver and Carson Division (2015)
- Chinese Robotics Challenge Finalist Award (2015)
- FIRST Robotics: Dean's List Finalist at Great Toronto Central Regional (2016)
- AP Scholar (2016)

## **LEADERSHIP DEVELOPMENT**

- Round Square International Conference (Singapore-United World College of Southeast Asia) (October, 2015)
  - A one-week conference accompanied with a 4-day adventurous trip that drew 150 schools around the world together to discuss world issues, brainstorm actions, build leadership, and complete service for others
- St. Mildred's Robotics Team: Mechanical Lead (2015-Present)
  - Lead the mechanical sub team to design and build robots, manufacture parts, and make prototypes
  - Pass down my knowledge and experience to younger members
  - Start and promote outreach initiatives and promote STEM

## **VOLUNTEER EXPERIENCE**

FLL Mentor (Team 2461 and 2462)	(2014- Present)
VEX Robotics Mentor	(2014-2015)
Home Suite Hope: Empty Bowls Volunteer	(2013-2014)
SMLS Tradition of Christmas Volunteer	(2013)
Kenya Service Trip	(2014)
Ecuador Trip	(2014)
China Robotics Challenge Mentor, Translator, and Volunteer	(2015)
Robotics Outreach (Symposium, Presentation, Legislature Visit, etc.)	(2013-Present)

## **Work Experience**

- Shaw Almex Group (June, 2016)
  - An one-month co-op experience
  - Job-shadowed an engineer who works at Almex group

- Helped design and CAD the equipment (a multi-configuration belt winder and a multi-configuration booster drive) to renew conveyor belts with different sizing
- Gained engineering expertise and further developed computer aided design skills

### **INTERESTS AND HOBBIES**

Marketing: Interested in how advertising works and what appeals to consumers

Astronomy and Physics: Love to read articles and watch videos about astronomy and physics

Coding: Love to learn new programming languages, create websites and apps

Traveling: Passionate about travel and experiencing new environments and cultures

Photography: Competent at taking pictures and capturing beautiful and astonishing moments