Carol Xu

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Relevant Work Experience

SHAD Internship – Information Systems Summer Student — AUG 2018

Teledyne DALSA

Worked alongside UW Co-Op students in a one-month internship to implement and investigate the effectiveness of template matching algorithms on a Digital Microscope. We collaborated on a presentation to communicate the results of our investigation.

Lead Programmer and Pit Presenter — JAN 2016 - JUN 2019

Robotics Team 4814

As Lead Programmer, I was responsible for implementing robot functionality before and during competitions and coordinating with the mechanical and business teams to ensure team synergy. As Pit Presenter, I was responsible for presenting and talking to Judges about the Business Plan during competitions.

Volunteer Experience

Chinese New Year Celebration — JAN 2015/16/17

- I volunteer each year to help set up this annual event run by the London Chinese Association. Past responsibilities have included welcoming people as they arrive, helping people find their seats, and resolving seating conflicts.

Western FLL Tournament Volunteer — DEC 2015/16/17

- Annually volunteer to help teach younger students about STEM. Roles have included Robot Game Queuer, responsible for welcoming an FLL team and being their guide for the event, and for getting them to their events on schedule.

JUMP Math Tutor — FEB - JUNE 2016

- Tutored elementary school students in math at Ryerson PS. Through this experience, I gained the patience to deal with a variety of children aged 7-9 with unique learning styles and the ability to explain concepts in a concise manner.

Education

London Central Secondary School — SEP 2015 - JUNE 2019

Achievements

- Participated in SHAD, an academic enrichment program, and became a SHAD Fellow — JULY 2018
- Nominated for Dean's List award at the Western University District event in recognition of leadership and contributions — MARCH 2018
- Became a member of the U18 Canada National Dragon Boat Team and won the International Dragon Boat World Nations Championships — JULY 2017

Skills and Interests

- I am able to code, and enjoy creating games and participating in coding competitions such as the CCC and Google Code Jam. Participated in a hackathon (Hack the North) as part of a four-person team to create a website that generated captions for uploaded photos.