

Yushi (James) Cao

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Summary of Qualifications:

- Highly motivated and enthusiastic
- Fast learner, quickly adapts to any work environment
- Persevering and hardworking, never gives up
- Concise and demonstrative in communication
- Demonstrates leadership and initiative in a multi-disciplinary team
- Responsible and reliable
- Efficient and sharp in problem solving
- Excellent organization and time management skills
- Skilled and proficient in using 3D modeling softwares like AutoCAD/Solidworks
- Skilled and proficient in the following programming languages: Java, C++, Python
- Achieved The Duke of Edinburgh's Award Silver Standard
- High achieving engineering science student

Work Experience:

Mountain Biking Specialist: (July 2015 ~ August 2015), Camp Green Acres

- Maintained bikes in their proper condition. Addressed and fixed any issues or failures with the bikes by using engineering knowledge. Learned and resourceful while working - searched on the internet and asked professionals about the functionalities of a bike.
- Trained and taught children to ride a bike for their first time in their life. Utilized both verbal communication and physical demonstrations, kids practiced and learned to ride bikes without training wheels.
- Biked with children on bike trails. Using management skills, no kids were lost or injured during the activity. Kept everyone organized and having fun at the same time. Managed each trail route according to the children's physical strength to adhere to the activity time limit.
- Assisted in running other activities, helped out whenever needed. Excellent collaboration with team of specialists who runs other activities.

Achievements:

- Gold medal in engineering science CSC180 programming competition
- The Duke of Edinburgh's Award Silver Standard
- Over 300 volunteer hours
- 5 out of 5 on the AP Calculus exam
- 5 out of 5 on the AP Physics exam
- Wireless Pick and Place Race - DEEP Summer Academy
- Outstanding Overall Leadership (MDHS Music Department)

Extra Curricular Activities/Volunteering:

Markham Museum Volunteer (2012~2015)

- Supervised and participated with children in arts and crafts. Guaranteed children's safety as well as their enjoyment.
- Communicated with the parents. Introduced museum as well as resolving issues with children's behavior.
- Constantly helped new volunteers to adapt, unofficial volunteer mentor. Organized and assigned tasks to my team of volunteers.

7th Markham Scouts (2012~2015)

- Worked together with the team of scouts on hiking journeys. Managed to accomplish the task assigned as well as helping out others. Always persevered through tough situations.
- Delegated tasks to other members such as setting up the tent and refilling our water supply. Kept everyone organized and safe.
- Involved in service, skill, and physical recreation for at least one hour per week for one year as well as hiking 40 km in 3 days and 2 nights to achieve The Duke of Edinburgh's Award.

Education:

University of Toronto Engineering Science (2016~2017)

- Completed first semester of first year

Markham District High School (2012~2016)

- High school diploma.

Old Hobbies:

- President of math club.
- FIRST robotics team member, team 5428.
- Chess club member.
- Wind Symphony, Jazz band, and Brass quintet member.
- Markham Badminton Club member.