

# KAYNE CHU

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## Summary of Qualifications

- Experienced in **AutoCAD** and **SOLIDWORKS**
  - Strong knowledge in **C++**, **Java**, **JavaScript**, **ReactJS**, **HTML** and **CSS**
  - Knowledgeable on Dimensioning and **GD&T** communication
  - Exceptional **Communication** and **Organization skills** through tutoring students while focusing on studies
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## Experiences

**Private Math Tutor / Self Employed** – Richmond Hill, ON Dec 2018 - June 2019

- Developed **analytical skills** by explaining advanced and unfamiliar concepts to students
- Gained **problem solving skills** by implementing various teaching methods that catered to the individual student's needs
- Greatly improved **time management** by balancing studies with preparing work for students

**ReStore Volunteer / Habitat for Humanity** – Markham, ON July 2018 – Oct 2018

- Demonstrated **professionalism** through interactions with customers and employees
  - Portrayed **teamwork** by working with other volunteers to unload deliveries and accept donations
  - Displayed **leadership skills** by guiding and designating responsibilities for other volunteers when employees were occupied
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## Projects

**Waterloo Midnight Sun Design Team – Battery Module Supports** Sept 2020 - Present

- Designed supports for battery modules using SOLIDWORKS to prevent them from slipping
- Collaborated with team members to create a sketch which properly showcases the required features
- Followed an iterative design process to meet constraints and criteria

**Personal Website** June 2020 – Sept 2020

- Developed knowledge in JavaScript, HTML, and CSS languages through online tutorials
- Attained problem solving skills by developing solutions to advanced coding problems
- Created a personal website using ReactJS library along with HTML and CSS

**Java Mobile Game** June 2020 – Aug 2020

- Built knowledge in Java using various online tutorials
  - Created an interactive mobile application using Android Studios
  - Worked through several iterations to fix issues that arose in the application
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## Education

**Bachelor of Applied Sciences** – Mechanical Engineering Co-op 2019-2024  
**University of Waterloo** – Waterloo, ON

**Ontario Secondary School Diploma** 2015-2019

**Jean Vanier Catholic High School** – Richmond Hill, ON

- Principal's list recipient for top 5 averages in the class of 2019
- 4 years French award recipient