

ALICE (KE YU) LI

Computer Science and Business
Administration Double Degree,
University of Waterloo

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SUMMARY OF QUALIFICATIONS

- Proficiency in programming languages **C, HTML, CSS, JavaScript, Python, Scheme**
- Competency in **MongoDB, Bootstrap, Github, Heroku, Figma, VBA, Microsoft Word, Excel, Canva, Adobe Premiere**
- Innovative **problem-solving** from through 7+ years of math contests and an interest in board games
- Clear, excellent **communication** through tutoring and outreaching for event planning
- Strong **teamwork** through leadership in team sports and club leadership

INTERESTS

Data Science and Machine Learning

Introduced to **data extraction** through AirCare project at NASA SpaceHacks hackathon 2019

Women in Computer Science Club, UWaterloo

Too initiative to attend conference and workshops about working and learning in the tech industry

Coffee n' Code Club, UWaterloo

Participated in workshops on **GitHub** and **Python**

Short film production

Awarded Top Music Video and Peer Judging Panel in film festivals, editing with **Adobe Premiere** and **Flash**

AWARDS

President's Scholarship Of Distinction, 2019

\$5000 from the University of Waterloo

Port Moody Phoenix Award, 2017 & 2019

Out of a pool of 1200+ students, for outstanding academics, athletics and community service

Jayme Ono Memorial Scholarship, 2019

\$2000 local community scholarship awarded for enthusiasm, work ethic and team spirit

School Champion in Waterloo CEMC Math Contests (2014 - 2018)

Gauss 2014, Fryer 2016, Cayley 2017, Euclid 2018, CSMC 2018

PROJECTS

KwikKonnct - TOHacks 2020

- Developed a Slackbot that connects remote working teams and online conferencing participants by pairing users for spontaneous short video calls
- Implemented the Peer-2-peer videocalling web platform using **Javascript, HTML, CSS, Bootstrap** and **Socket.io**
- Deployed the web platform onto **Heroku** and set up web address through **Domain.com**

CommuniLnk - MLH Best Domain Award, ElleHacks 2020

- Employed the **MERN Stack** by creating a database and building the back end using **MongoDB** and **ExpressJS**
- Created a web app that matches up businesses with charities to solve the issue of wastage and raise the efficiency of resource reallocation

chemCheck - Mentor's Choice Award, StarterHacks 2019

- Executed front-end development with **HTML** and **CSS** for a web app that displays the impacts of harmful chemicals from a database accessed by **JavaScript** and **Firestore**
- Implemented **Bootstrap** to style web functionalities such as buttons, search bars and dynamic backgrounds

EXPERIENCE

President, Math Contest Club

Port Moody, BC. September 2018 - May 2019

- Achieved top 25% on 10+ math contests; received school's Riemann Award for top performance out of 1200+ students
- Took initiative to learn and teach extra contest material, resulting in district championship
- Coordinated logistics by using **Excel** and **Word**, showing organization skills managing 80+ participants

Graphic Designer, Tournament Organizer and Team Captain for School Badminton

Port Moody, BC. January 2017 - April 2019

- Designed 3 years' event logos and posters with **Canva**
- Organized inter-city tournament with **100+ participants** by communicating with schools and sponsors
- Exhibited teamwork by motivating the members and leading the team to bronze in BC Championships

Private Math Tutor

Port Moody, BC. June 2018 - October 2018

- Communicated effectively and demonstrated patience, boosting the client's grade from **C to B**
- Applied critical thinking skills by giving analogies and connecting different concepts

EDUCATION

Candidate for Computer Science and Business Administration Double Degree

University of Waterloo and Wilfrid Laurier University,
Waterloo, Ontario. September 2019 - Present