

ALICE (KE YU) LI

Computer Science and Business,
University of Waterloo

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SKILLS

Languages: **C, HTML, CSS, JavaScript, Python, Scheme**

Tools: **MongoDB, Bootstrap, Github, Heroku, Figma, VBA, Microsoft Word, Excel, Canva, Adobe Premiere**

INTERESTS

Statistics Club, UWaterloo

Worked as the marketing specialist to design, promote and attend workshops, such as for **VBA**

Math Contest Club, Port Moody Secondary

Led the club as president and organized logistics. Achieved 25% on 10+ contests and received school's award for top performance out of 1200+ students. Took initiative to learn + teach contest material

Women in Computer Science Club, UWaterloo

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

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 P2P 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

- Used the **MERN Stack** to create a database (MongoDB) and built the back end using **ExpressJS**
- Created a web app that matches businesses with charities to solve unnecessary waste creation and improved efficiency of resource reallocation

chemCheck - Mentor's Choice Award, StarterHacks 2019

- Developed a webapp using **HTML** and **CSS** for displaying the impacts of harmful chemicals from a database accessed by **JavaScript** and **Firebase**
- Leveraged **Bootstrap** to style web functionalities such as buttons, search bars and dynamic backgrounds

EXPERIENCE

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. 2019 - 2024

Relevant courses:

- Designing Functional Programs (**Racket**)
- Elementary Algorithm Design and Data Abstraction (**C**)
- Interactivity with **JavaScript** (University of Michigan)