

ALICE (KE YU) LI

Computer Science and Business,
University of Waterloo

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SKILLS

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

Tools: **SQL, MongoDB, Bootstrap, vi, Github, Heroku, Figma, VBA, Canva, Adobe Premiere, Lightroom**

EDUCATION

Candidate for Computer Science and Business Administration Double Degree

University of Waterloo and Wilfrid Laurier University, Waterloo, Ontario. 2019 - 2024

Cumulative GPA: 93.18

Relevant courses:

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

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 the club president. Achieved top 25% on 10+ contests and received school award for top performance out of 1200+ students

Women in Computer Science Club, UWaterloo

Attended conferences and workshops about working and learning in the tech industry

Short film production

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

EXPERIENCE

Solutions Developer, TD

Remote. June - August 2020

- Renovated the obfuscation program using **C#** to protect client privacy, so that TD adheres to the Canadian CDIC Act, failure of which results in legal punishments
- Upgraded the **VBA** solution to validate and transform business data input of up to \$100,000 per client
- Transferring and analyzing data files in TD's financial data warehouse in an **IBM Mainframe** environment
- Learning data integration + extraction with **SQL** and **SSIS**
- Patching programs using **vi** in a **Linux** environment

Software Developer, 4site.ai

Remote. July - December 2020

- Training to use the **Django** framework in **Python**, with **PostgreSQL**, to develop and maintain a website for updating invoices
- Collaborating part-time with a small team for the pre-angel startup

PROJECTS

KwikKonnnect - TOHacks 2020

- Developed a Slackbot that connects remote working teams 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 waste issues and improve resource reallocation

chemCheck - Mentor's Choice Award, StarterHacks 2019

- Developed a front-end using **HTML** and **CSS** for displaying 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

AWARDS

President's Scholarship Of Distinction, 2019

\$5000 from the University of Waterloo

Port Moody Phoenix Award, 2017 & 2019

Out of 1200+ students, for top academics, athletics and service

Jayme Ono Memorial Scholarship, 2019

\$2000 community scholarship for work ethic and team spirit

School Champion, CEMC Math Contests (2014 - 2018)

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