

ALICE (KE YU) LI

COMPUTER SCIENCE AND BUSINESS,
UNIVERSITY OF WATERLOO

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EXPERIENCE

June - August 2020

Solutions Developer | TD

- Renovated the obfuscation program using **C#** to protect critical client privacy
- Revamped **VBA** solution to validate business data of up to \$100,000 per client
- Created an **SSIS** package, with **SQL** in a **Visual Studio** environment, for a data extraction procedure that improved department efficiency by **200 hours**
- Analyzed data from the financial data warehouse in **IBM Mainframe** and **Linux (vi)** environments

June - August 2020

Software Developer | The Product Initiative

- Developed a chrome extension for YouTube, using **React**, **jQuery**, **HTML**, **CSS**, and Chrome APIs, to combat the negativity of binge-watching among students
- Collaborated with a team of developers, designer, BA, and PM using **GitHub**

PROJECTS

July 2020

Keenote

- Built a responsive web application from scratch that I use as my "diary for learning", using **Django** and **SQLite**
- Designed the project so that users can track daily learnings and bucket lists in a blog style, providing motivation for learning during quarantine

TOHacks 2020

KwikKonnnect

- Developed a P2P video calling web platform, using **JavaScript**, **HTML**, **CSS**, **Bootstrap** and **Socket.io**, that connects remote working teams
- Deployed onto **Heroku** and set up web address through **Domain.com**

ElleHacks 2020

CommuniLnk - MLH Best Domain Award

- Constructed a web app, using the **MERN Stack**, that matches businesses with charities to solve waste issues and improve resource reallocation
- Created a database (**MongoDB**) and built a front end using **ReactJS**

AWARDS

UWaterloo President's Scholarship of Distinction
UWaterloo Jessie W.H. Zou Entrance Scholarship
Port Moody Secondary Phoenix Award
Jayme Ono Memorial Scholarship

SKILLS

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

Tools: **Django**, **SQL**, **MongoDB**,
Bootstrap, **vi**, **GitHub**, **Heroku**,
Figma, **Autosys**, **Mainframe**, **Adobe**
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

Tech+ Community, UW (Mentee)
Double Degree Club, UW

Vice President

Math Contest Club, PMSS

President, top 25% on 10+ contests,
awarded school top performance

Graphic Art and Design

Short Film Production

Top MV & People's Choice in film festivals

Hiking