

LUCY YU

**3B Honours Bachelor of Computer Science
and Bachelor of Business Administration**

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Website: <https://lusee88.github.io/web/>

Skills

Programming Languages

Python	●	●	●	●	●
C++	●	●	●	●	●
Javascript	●	●	●	●	●
Unix	●	●	●	●	●
PSQL	●	●	●	●	●

Programming Frameworks

Django	●	●	●	●	●
Angular	●	●	●	●	●
React	●	●	●	●	●

Development Tools

Git	●	●	●	●	●
Agile	●	●	●	●	●
Linux	●	●	●	●	●
Docker	●	●	●	●	●
CMD	●	●	●	●	●

Experiences

Full Stack Developer | Local Line

Jan 2020-Apr.2020

- Increase customer satisfaction by 40% by developing a new feature with **Python**, **Angular**, and **psql**, and **Django** framework
- Improved efficiency of downloading large selections of data by 3x its original time and removed server hang through optimizing code
- Contributed to the restructure of the core of the product to implement a **Model-View-Controller** design pattern

Cybersecurity Analyst | Toronto-Dominion Bank

Jan 2019-Apr.2019

- Developed **Python** scripts to automate data collection of Web Certificate information, reducing labour time by 3x required
- Built **VBA** scripts to generate monthly KPI reports to demonstrate improvements in certificate management
- Consistently collaborated with other IT teams to ensure business operations run efficiently and are continuously improving

Web Developer | CVT

May 2018-Aug.2018

- Developed and designed an informative website from scratch utilizing **Bootstrap 4**, **HTML**, and **CSS**
- Applied API implementation of open source application and used PHP to complete a working contact form
- Fully designed the visuals of the website with an understanding of industry requirements

Projects

Personal Website: Developed and designed with **React**

Cops and Robbers: In process using **React**, **Yarn**, and **Gulp**

Biquadris: A local two-player Tetris game made in **C++**

Project Outreach: A **HTML/CSS** app with **Javascript** designed to make data-driven decisions to improve customer retention

Helios: A POC app to help first responders survey disaster zones and optimizing decision-making through image detection using **Python** and **Vue.js**

Education

University of Waterloo / Wilfrid Laurier University (Expected) 2017 - 2022

Candidate for Double Degree Bachelor of Computer Science
and Bachelor of Business Administration