# CHRISTY YAO

### **EDUCATION**

University of British	
Columbia	Í
Computer Engineering (BASc 2020)	(
Dean's Honour List	

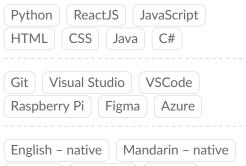
2017 - 2020Vancouver,Canada

Danmarks Tekniske Universitet Software Engineering (Study Abroad)

2018 - 2019Copenhagen, Denmark

Waseda University Mechanical Engineering (First Year) 2016 - 2017 Tokyo, Japan

### SKILLS



Spanish ) ( Japanese ) ( Danish

### ACTIVITIES

IEEE UBC Branch, ECE Student Society Women in Engineering Co-Chair 2019, Counsellor 2017 2019

UBC Debate Society

WCNC, UBC IV, Seattle IV, UBC Pac Cup, SFU IV Tournaments

Annual World Collegiate Weiqi (Go) Competition University of Cambridge, 2018

UBC Triathlon + Tokyo Marathon + Tour de Taiwan 950k, 2016, 2020

International Genetically Engineered Machines (iGEM) Won Best Model, Parts Collection, Education and Public Engagement

 First Robotics Competition
 Dean's List Finalist Award, Excellence in Engineering Award @ yao.christy@gmail.com
604 838 6238
Vancouver, Canada

% www.christyyao.com

in www.linkedin.com/in/ChristyYao www.github.com/ChristyYao

### EXPERIENCE

## Team Lead and Software Engineer Appara.ai

August 2020 - July 2021Vancouver, Canada

- Systematized the most crucial client-facing feature, which increased client satisfaction and launched an additional revenue stream
- Constructed and led a team of engineers to implement the largest UI change in 4 years, which streamlined the user experience immensely
- Designed a new corporate maintenance application to shortcut the user's actions and provide as a separate product to offer clients
- Maintained product stability through bug fixes and feature improvements in both server and client-side implementations by using SQL Server, Bridge.NET, JavaScript, React, and Chrome tools
- Facilitated the company's entire testing suite to use xUnit, which drastically improved the testing speed and flexibility

C# Azure Figma Selenium

#### Software Engineer (Work Learn) UBC Sauder School of Business

Sept 2019 - May 2020Vancouver, Canada

- Converted UBC Canvas platform to use Gutenberg (Wordpress) block style layout to optimize the UBC faculty user experience
- Facilitated the Gutenberg block style conversion to use card blocks and tab blocks

HTML/CSS

### Software Engineer Intern

Gutenberg

ReactJS

Wordpress

### Software Engineer Inte

- June 2019 August 2019Copenhagen, Denmark
- Developed a solution for faster medical examinations through remote dermatologists diagnosing skin conditions via client provided images
- Implemented a web app with image selection and metadata management features to also improve a ML skin diagnosis model

 ReactJS
 Material UI
 Python

Applications Engineer (Work Learn)Image: Oct 2018 - June 2019Shape RoboticsImage: Farum, Denmark

- Fabricated abundant coding activities to manipulate a robot on Shape IDE for students to learn technical and mechanical engineering skills
- Represented the company at multiple tech conventions and workshops in Denmark, Sweden, the Netherlands, and the UK

Python Robotics Tech Conventions

### PROJECTS



#### Parking Stall Occupancy Detection UBC Capstone Project | Sept 2019 – May 2020

- Implemented a deep learning model with YOLOv3 architecture to detect and count vacant/occupied parking spots with a camera mounted on a moving vehicle in real time with a team of 5
- Collected and labeled data from UBC parkades, and improved the model to 91% accuracy after retracting false positive datasets

Python (YOLOv3) (Machine Learning) (Deep Learning)