

# CHRISTINA XIE

Biomedical Engineering Student

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[christinaqyxie.github.io](https://christinaqyxie.github.io)

## Skills

Visual Design  
HTML/CSS  
Python  
PHP  
C#

## Tools

SOLIDWORKS  
Figma  
Adobe CC  
Affinity Designer  
Procreate  
MS Office

## Awards

President's Scholarship  
of Distinction  
University of Waterloo  
Sept 2020  
  
Halton Top 10 Roleplay  
DECA Inc.  
Nov 2019 (HTDM)  
  
Halton Top 15 Overall  
DECA Inc.  
Nov 2019 (HTDM)

## Education

### Bachelors of Applied Science

University of Waterloo  
Sept 2020 - Present  
(Expected Apr 2025)

Relevant Courses:

- Digital Computation (C#)
- Introduction to  
Biomedical Design  
(Prototyping)

## PROJECTS

### Portfolio Website

Personal Project | Jan 2021 - Present

Created a website from scratch using HTML and CSS to showcase my design abilities.

Constructed all website illustrations using Affinity Designer and Procreate.

### Logo and Website Design

Hodlbot | Oakville, ON | Jan 2020 - May 2020

Drafted the Hodlbot logo and promotional banners using Adobe Illustrator and Affinity Designer.

Assembled formal business slideshows for meetings to support presenter's proposals.

Hand-drew rough sketches for the website design to improve visual appearance.

### Wheelchair Scale and App Design

Iterative Design Project | Sept 2020 - Dec 2020

Designed and manufactured low-fidelity prototypes of an affordable scale for paraplegic individuals, taking human factors, requirements, and constraints into consideration.

Drafted a formal engineering report for the scale and application documenting all conceptual processes and analyses.

## EXPERIENCE

### Program Manager

STEM Fellowship | Oakville, ON | Oct 2019 - Apr 2020

Planned the 'Big Data Challenge' for high schools across Canada as part of a youth-led national network and nonprofit which attracted 100+ students.

Constructed data science challenges and mentorship programs for high school participants to support youth in STEM.

### Intern

Long Wing International Inc. | Burlington, ON | Jun 2019

Produced and edited shipping documents for pharmaceutical drugs through Microsoft Office.

Ensured product quality by regulating warehouse through temperatures and wrapping packages.