

CHRISTINA XIE

Biomedical Engineering

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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.

Student 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.