Diana Zhang

diana.zhang@uwaterloo.ca | **(647) 522-0801** | **linkedin.com/in/diana-zh/** | **github.com/diana-zh**

Skills

- **Languages**: HTML5, CSS3, Javascript, Python, C/C++
- **Tools/Frameworks**: Bootstrap, Figma, Adobe Creative Cloud, AutoCAD, Git, SolidWorks, Onshape, Microsoft Office, Arduino
- **Soft Skills**: Teamwork, Communication, Organization, Leadership, Attention to Detail, Critical Thinking

Projects

Personal Portfolio Website

Aug 2021

- Learned fundamentals of web development through designing personal website from scratch using HTML5/CSS3
- Incorporated responsivity and animations using Javascript to cater to all viewers' devices
- Deployed using Github at diana-zh.github.io

Pyence

Nov 2020-Jun 2021

- Created **Python** calculators for scientific concepts, bridging my passions for programming and the natural sciences
- Optimized workflow through the reduction of repetitive calculations

Arduino Music Player

Jul 2021-Present

- Applied circuitry principles to create a music player using an **Arduino Uno** by **soldering** a connection between an 8Ω micro speaker and a microcontroller board, then coded musical notes and functions into the **IDE (C++)**

Experience

Knitters For Whiskers Co-Founder & President

Nov 2018-Aug 2020

- Oversaw the organization's day-to-day operations and ensured goals were met by equipping executive team with tools necessary to perform their duties and organized workspaces
- Worked with a local cat shelter, enabling student volunteers to express their creativity while giving to charity

Advanced Placement Chemistry Tutor

Jan-Apr 2021

- Taught scientific methods principles, improved quality of lab assignments and aided with problem-solving skills
- Supported chemistry students by providing encouragement and detailed feedback, resulting in an increase of ~15% on assessment grades

Education

University of Waterloo

- *Candidate for Bachelor of Applied Science in Systems Design Engineering (Sept 2021-Present)*
- *Candidate for Bachelor of Science in Biotechnology (Sept 2020-Aug 2021)*
    - 89% Cumulative GPA, All Term Distinctions, President's Scholarship Entrance Award