

ZILIN YE

CONTACT

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519-465-6828

SKILLS

Language: Chinese, English

Coding: C++, Python, HTML, CSS

Software: SOLIDWORKS, Microsoft Azure, Microsoft Office

EXPERIENCE

SOLUTION DESIGN TEAM MEMEBER

Microsoft/We-Accelerate| Jun 2023-Aug 2023

- Designed an AI research assistant solution using Microsoft Azure aimed to assist with large amounts of data processing
- Created pipeline sequence wireframes using Microsoft Azure that successfully automated workflows for AI Models

CO-FOUNDER/ MEDIA TEAM LEADER

Supportive Teens| Jul 2020-Jul 2022

- Lead the media team and designed visual graphics for our media accounts and websites greatly increasing awareness of our events
 - Organized fundraisers with the team that raised over \$5000 for local foodbank and the Canadian Red Cross
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EDUCATION

BIOMEDICAL ENGINEERING

University of Waterloo|Bachelor of Applied Science

2022 - Present

Courses: C++ Data Structures/Algorithms, Engineering Design Cycle/Analysis, Engineering Biology, Design Prototyping

PROJECTS

ULTRASOUND PROGRAM

C++

- Created a C++ programs for beamforming techniques used in ultrasound imaging
- Techniques include object-oriented programming, C++ Algorithms, C++ Data Processing

EXERCISE EQUIPMENT PROTOTYPE

Engineering Design/Prototyping

- Created exercise equipment prototype for wheelchair users using engineering life-cycle design process
- Conducted stakeholder interviews to gain a better insight of needs of patients with paraplegia