ZILIN YE

CONTACT
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519-465-6828

SKILLS

Language: Chinese, English
Coding: C++, Python, HTML, CSS, SQL
Software: SOLIDWORKS, Figma, Microsoft Azure

EXPERIENCE

SOLUTION DESIGN TEAM MEMBER
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
- Led 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

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 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 into needs of patients with paraplegia