ZILIN YE

CONTACT

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zilinye.com
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 website which greatly increased awareness of our events
- Organized fundraisers with the team that raised over $ 5,000 for local foodbank and the Canadian Red Cross

ASSISTANT MANAGER

Foodie Fruitie| March 2019-Aug 2023

- Ensure all customer needs are efficiently met and successfully provide satisfying solutions to customers' concerns
- Managed the restaurant's media accounts, and website, which improved communication with our customers
- Provides new staff training and ensures consistent delivery of exceptional service.

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