

# Zilin Ye

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## WORK EXPERIENCE:

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### Microsoft

Solution Designer | Waterloo | June 2023 - August 2023

- Engineered an innovative AI research assistant solution leveraging Microsoft Azure for efficient large-scale data processing
- Designed pipeline sequence wireframes within the Microsoft Azure framework, achieving seamless automation of workflows for AI models

### Supportive Teens

Marketing Manager | Waterloo | July 2020 - July 2022

- Led the media team and designed visual graphics for our media accounts and website, resulting in a substantial boost in awareness for our events
- Organized successful fundraisers in collaboration with the team, generating over \$5,000 in donations for the local food bank and the Canadian Red Cross

### Foodie Fruitie

Assistant Manager | Waterloo | March 2019 - August 2023

- Demonstrated strong organizational and management skills to ensure all customer needs were satisfyingly met
- Managed the restaurant's media accounts, and website, fostering enhanced connections with our valued customers
- Conducted comprehensive training new staff training and ensures consistent delivery of exceptional service.

## RELEVANT PROJECTS:

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### Ultrasound Program

C++

- Built C++ programs that apply beamforming techniques used in ultrasound imaging
- Techniques include object-oriented programming, C++ Algorithms, C++ Data Processing

### Exercise Equipment Prototype

Engineering Design Process and Prototyping

- Developed exercise equipment prototype tailored for wheelchair users while following the engineering life-cycle design process
- Facilitated stakeholder interviews to understand the unique requirements of individuals with paraplegia, ensuring a user-centric approach to product development.

## EDUCATION:

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University of Waterloo | 2022-2027

Bachelor of Applied Science - Biomedical Engineering

## SKILLS:

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**Languages:** C++, Python, HTML, CSS, SQL

**Software:** GitHub, SOLIDWORKS, Figma, Microsoft Azure, Google Suite, Microsoft Office, Canva