

Zhiqi (Kelly) Xie / Calgary&Toronto

London, Canada | zxie86@uwo.ca | 647-914-8660 | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Education

B.Sc., Major in **Computer Science**; GPA 3.7 / 4.0
Western University

2018.09 – 2023.05

1. **Core Courses:** Java, Python, C++, Data Structure & Algorithms, Database (SQL), Network, Data Analytics, Artificial Intelligence, Operating System, Unix

Skills Summary

1. Microsoft Azure AI 900 Certified Developer
2. Experienced in Front-End Web development: Angular, HTML, CSS, JavaScript, Bootstrap, and Git.
3. Experienced in agile development: participated in scrum and used Azure DevOps to track work items.
4. Demo: <http://publish.uwo.ca/~zxie86/business/index.html> school web assignment.

Work Experience

TC Energy | *Calgary, AB*
Software Developer Intern

2021.05 – 2022.08

1. Reduced the application data update processing time and operational support required by 100% by creating a self-serve serverless cross-platform responsive application using Angular, DynamoDB, API Gateway, AWS Lambda, Material UI.
2. Built an intelligent meeting management bot that responds to meeting invitations automatically according to users' schedules using Power Automate. The smart bot can accept or propose a new time when there is a conflict for meetings on its own logic.
3. Worked as a business analyst and delivered a custom application under budget by communicating between the business and the developer, performing user acceptance testing and documenting the results.

Google Summer of Code | *Calgary, AB*
Open-Source Developer

2022.03 – 2022.09

1. Implemented an [Excel adapter](#) that allows to map Excel data into the schema of Polypheny-DB, an adaptive database system using Java. [Pull request](#).
2. Enhanced the UI by adding a dropdown menu with time interval options and adjusted the backend API using Angular and Java for the application proposal. [Issue](#), [PR-UI](#), [PR-DB](#).

Western University | *London, ON*
Web Developer

2020.10 – 2021.04

1. Implemented a research [website](#) for the Faculty of Science using Cascade CMS.

Personal Projects

Memorwe - SheHacks Hackathon

1. Designed an app using Sketch for seniors to recognize their family members through a game in order to slow down the worsening of dementia symptoms at the 12-hour SheHacks Hackathon. [URL](#).

Temperature Converter

1. Created a [temperature converter](#) using React to convert the temperature between Fahrenheit and Celsius.

Volunteer Experience

TC Energy | *Calgary, AB*

2022.04 – 2022.05

1. Built kits with blankets and hygiene items for individuals experiencing homelessness with Mustard Seed.
2. Sorted toys for women and children at the Calgary Women's Emergency Shelter.

Western University | *London, ON*

2018.09 – 2018.11

1. Assisted with a music and dancing event, providing a memorable experience for people with disabilities at the Participation House during Orientation Week.

YMCA | *Calgary, AB*

2016.03 – 2016.03

1. Communicated with the staff on behalf of an elderly participant who spoke only a Chinese dialect (Teochew dialect), which alleviated the concerns the senior home staff had for that tenant.