

Zhiqi (Kelly) Xie

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Education

BS - Major in Computer Science; GPA 3.7

Sept 2018 - Apr 2023

Western University

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

Skills Summary

1. Microsoft Azure AI 900 Certified Developer
2. Experienced in Front-End Web development: Angular, HTML, CSS, JavaScript, Bootstrap, React, Webpack, 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>

Work Experience

TC Energy | Software Developer Intern

May 2021 – Current | Calgary, AB

- Created a self-serve serverless cross-platform responsive application, reducing the wait time to update the application data and Operational Support required by 100% using Angular, DynamoDB, API Gateway, AWS Lambda, Material UI.

Western University | Web Developer

Oct 2020 – April 2021 | London, ON

- Implemented a research website for the Faculty of Science using Cascade CMS.

WellPower Corporation | Software Developer Intern

May 2020 - Aug 2020 | Toronto, ON

- Developed a perpetual calendar using HTML, CSS, JavaScript, Bootstrap, Photoshop, and Webpack.

Personal Projects

Memorwe - SheHacks Hackathon

- 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: <https://devpost.com/software/memorwe>)

Temperature Converter

- Created a temperature converter using React to convert the temperature between Fahrenheit and Celsius, reducing converter search time when baking (URL: <http://publish.uwo.ca/~zxie86/temperatureConverter/index.html>)

Website Assignment

- Built a website for a wine glass company using HTML, CSS, JavaScript, Bootstrap for the Multimedia course, and achieved a grade of 100%.

Volunteer Experience

Volunteer - Western University

Sept 2018 - Nov 2018

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

Volunteer - YMCA

Mar 2016

- 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.