

Zhenni (Jenny) Gu

Email: guzhenni7@gmail.com | Phone: 226-899-1777 | LinkedIn | Waterloo, ON

SUMMARY OF QUALIFICATIONS

- Proficient in writing testable and efficient code using Java, Python and comprehensive knowledge of Object-Oriented Programming (OOP)
 - Experienced in full stack development using JavaScript and frameworks like React, Express and Redux
 - Experienced in bash script development and version control with git
 - Excellent leadership skills, strong communication and interpersonal skills
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EDUCATION

Bachelor of Computer Science

Sept. 2016 – Dec. 2021

University of Waterloo, Waterloo, ON

Relevant Courses:

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| • Software Design and Architectures | • Operating Systems |
| • Human-Computer Interaction | • Data-Intensive Distributed Computing |
| • Data Structure and Database Management | • Artificial Intelligence |

Awards:

- University of Waterloo President's Scholarship (2017)
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PROJECTS

Meal Planner Android Application

Aug. 2021

- Designed and implemented an Android recipe recording app that followed layered and repository architecture styles
- Using singleton, strategy and observer design patterns to ensure reliability and scalability
- Designed app flow map and implemented corresponding activities and fragments using Java and Android Studio

The Official Site of Kitchener-Waterloo Chinese Students & Scholars Association

Oct. 2020

<https://www.kwcssa.com>

- Designed a responsive website displaying information and showcasing the events of the Kitchener-Waterloo Chinese Students & Scholars Association using React, Redux, Bootstrap and Node.js
- Implemented a password-protected admin page for easy and effective content management
- Created a contact page receiving over 50 responses monthly in average

WATinder Web Application

Apr. 2020

- Designed a tinder-like relationship-matching application tailored for UW students that users will be able to view their own profiles and match, chat, and blacklist other users in the application
 - Implemented SQL queries supporting various logics and using PostgreSQL as database
 - Created UI using JavaScript, HTML and CSS
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ORGANIZATION

President

Sep. 2019 – Dec. 2020

Kitchener-Waterloo Chinese Students and Scholars Association (KWCSSA)

- Adminstrated large-scale local and international events with over 1500 attendees on performance coordination, personal arrangements, ticket distribution and schedule coordination
- Lead the team with 2 vice presidents, 6 department managers and over 100 members
- Worked as the lead of the Board of Directors presenting insights to the Board on organization development strategies during bi-weekly meetings