



# Joshua Chang

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## SKILLS

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**Languages:** Java, C++, HTML/CSS

**Design:** Figma, Adobe XD

## EDUCATION

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### University of Waterloo

Bachelor of Applied Science in Systems Design Engineering

Waterloo, ON

Expected May 2026

- Relevant Coursework: Digital Computation (C++), Introduction to Design

## EXPERIENCE

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### McDonalds Canada

Aug 2019 – Aug 2021

Crew Member

- Accomplished multiple tasks in a fast-paced environment to service 800+ customers daily and hit sale targets
- Organized and stocked items neatly and methodically to ensure all employees can easily access items, decreasing the amount of time to find items in the store
- Maintained a clean and sanitized work environment by performing cleaning duties to ensure customer satisfaction is met, resulting in a 10% increase in dine-in customers

## PROJECTS

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### Volleyball Statistics Program 🔗

Java

- Programmed an application to track offensive and defensive statistics of players and the team
- After the tracking is complete, a summary of the statistics is shown displaying the average scores and percentages of each statistic
- Implemented the use of GUI, Object-Oriented Programming, Methods, and ArrayLists/Arrays

### Local Lookout 🔗

Adobe XD

- Designed a mobile app that suggests local businesses to users, promoting small business success and building community relationships
- Allows users to discover small businesses, keep them updated about their favourite businesses, and discover other users on the platform

### Hangman Game 🔗

Java

- Developed a two-player hangman game that allows one player to input a word/phrase while the other player attempts to guess the word/phrase with a limited number of guesses
- Implemented the use of String Manipulation, Arrays, and Methods

## AWARDS AND ACHIEVEMENTS

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### John E. Betts "Beat Yesterday" Scholarship

2021

- \$2500 scholarship given to an ambitious individual striving to get better everyday at school, in the community, and on the job

### WatPD Engineering Scholarship

2021

- \$4000 scholarship awarded to students who have demonstrated academic excellence and the potential to thrive in professional skill development

## INTERESTS

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Software Development, UI/UX Design, Project Management, Sports Engineering, Volleyball, Fitness