



# Joshua Chang

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## SKILLS

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

**Tools:** Git, VS Code, Bootstrap, Figma, Adobe Creative Suite

## PROJECTS

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### Local Lookout

August 2021

Adobe XD

- Prototyped a mobile app that suggests local businesses to users, promoting small business success and building community relationships
- Utilized design principles such as form and function to produce a minimalistic intuitive app for all users of various technical backgrounds

### Volleyball Statistics Program

January 2021

Java

- Programmed an application to track offensive and defensive statistics of players and the team
- Summarized the statistics displayed to the user, showing average scores and percentages of each statistic
- Implemented the use of GUI, Object-Oriented Programming, Methods, and ArrayList/Array Manipulation

### Hangman Game

January 2020

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, Array Manipulation, and Methods with Console User Interactions

## EXPERIENCE

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### McDonalds Canada

August 2019 – August 2021

Crew Trainer

- Supervised and trained 15+ crew members about store policies and etiquette, restaurant procedures, and customer service tactics
- Accomplished multiple tasks in a fast-paced environment to service 800+ customers daily and hit sale targets
- 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

## AWARDS AND ACHIEVEMENTS

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### WatPD Engineering Scholarship

May 2021

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

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

January 2021

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

## EDUCATION

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### University of Waterloo

Waterloo, ON

Bachelor of Applied Science in Systems Design Engineering

2021-2026

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

## INTERESTS

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