

# SINDY WANG

sindy-wang@live.ca ◇ 647-965-3388 ◇ github.com/sindywang ◇ linkedin.com/in/sindy-wang  
sindywang.github.io

## SUMMARY

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Recent Dean's list Computer Science graduate with an extended course background in software, web, and game development. Also with extensive experience in team-work and collaborative projects/positions.

## SKILLS

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<b>Languages</b>	Java, Python, C, HTML/CSS, SQL, JavaScript.
<b>Tools &amp; Frameworks</b>	Git, Unity, Node.js, AngularJS, OpenGL, Linux, MySQL.
<b>Spoken Languages</b>	English and Chinese (Beginner).

## PROJECTS

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### Foodgether

<https://git.io/JJih3>

- Collaborated on a **full-stack application** that helped users find recipes given the food they have at home.
- Worked on the **AngularJS** front-end component to display a modern looking user-interface to users.
- Developed a **Node.js** back-end api/server to handle GET/POST requests users made to the web-application.

### VR Burger Time

<https://git.io/JJ18T>

- Created a **Virtual Reality** simulation game to challenge users to make as many burgers as they can.
- Utilized the **SteamVR** plugin within **Unity** to support 3 degrees of freedom and haptic feedback.
- Engineered multiple object-oriented **C#** classes to support different functions within the game.

### Membership Management Software

<https://git.io/JJ18q>

- Collaborated on a **Java** application using the **Swing GUI** toolkit to manage employees within a business.
- Worked on different login screens depending on the type of account the user registered as using Swing.

### Perfect Lawn Simulator

<https://git.io/JJPvt>

- Developed a **Python game** where the user has to keep their lawn clean, utilizing the **Pygame** module.
- Created multiple **Python classes** representing different game logic to have an **OOP** structure.
- Programmed a small **custom algorithm** to depict how fast weeds will grow based on difficulty of the current state.

## EDUCATION

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### Ryerson University

Sept 2016 - June 2020

Honours B.Sc in Computer Science

Relevant Courses: *Software Tools for Startups, Web Development 1 & 2, Software Project Management, Machine Learning, Virtual Reality, Computer Graphics, Algorithms, Data Structures.*

Cumulative GPA: 3.33 – Dean's List (2019, 2020)

## EXPERIENCE

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### Lotus Vegetarian Restaurant

September 2016 - Current

Cashier/Server/Kitchen

Toronto, ON

- Took on multiple roles throughout 4+ years in a family owned business to support customers and staff.
- Managed company platform on food ordering apps such as Uber Eats and SkipTheDishes.