

# YIHAN (JANE) WANG

- ▶ y2349wan@uwaterloo.ca
- ▶ (647) 995-1307
- ▶ <https://github.com/yihanw>

## 1B Computer Science and Business Double Degree

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### Summary of Qualification

- ▶ Outstanding software design and development skills, strong organizational and problem solving skills
- ▶ Strong interpersonal communication skills, demonstrated leadership in group projects
- ▶ **Technical skills:**
  - ▶ Languages: 3-year programming experience with **Java**  
Proficiency in **C, C++, C#** and **Scheme/Racket**  
Familiar with: **SQL, Python, JavaScript, PHP, MATLAB** and **Pascal**
  - ▶ Software: Microsoft Office, Pages, Keynote, Numbers, Adobe, Photoshop

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### Education

- ▶ **Bachelor of Computer Science and Business Administration Double Degree, honours co-op program**
  - University of Waterloo, Sept. 2015 - 2020

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### Relevant Projects

- ▶ **Sequence ADT** Feb. 2016
  - Designed a program in **C** that provides functions for working with Sequence Stack Data Structure
  - Used Structure, Assertion, Loops, Pointers and Decision making structures to implement the program
  - Provided comprehensive test cases to test the functionality of the program
- ▶ **UWaterloo API Tools** Jan. 2016
  - Designed an interface in **Scheme** which precisely extracts dynamic information from UW API website
  - Implemented functions using String, Nested lists, Abstract list functions and Local definitions
- ▶ **Black Jack card game** May 2014
  - Designed a text-based card game called Black Jack in **Java**
  - Used Loops, Strings, Array, Decision making structures, Files and I/O Operation to build the program
  - Used Vector data structure to trace and display the cards and allowed interactions between users
  - Provided programming documentation such as IPO chart and Flowchart

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### Experience

- ▶ **Math Teaching Assistant** Sir John A Macdonald C.I., Sept. - May 2014
    - Assisted grade 10 students to learn math and improve their math skills
    - Demonstrated organizational and leadership skills by supervising students
    - Developed excellent communication skill by clearly explaining math concepts to students
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