

Jackie Liu

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<https://github.com/JackieAnj>

RELEVANT SKILLS

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| Programming | <ul style="list-style-type: none">• Good understanding of various data structures and algorithms• Comfortable with Git. |
| Software Development | <ul style="list-style-type: none">• Designed a prototype mobile app using Proto.io, and conducted usability testing for the app.• Familiar with Software Development Life Cycles and the Agile Method.• Completed independent and group projects in Python, Java, and C. |
| Databases | <ul style="list-style-type: none">• Built and modified databases using PostgreSQL.• Embedded databases in Java programs using JDBC |

EDUCATION

Department of Computer Science, University of Toronto

Class of 2020

Bachelor of Science - Specialist in Computer Science & Minor in Statistics

- Relevant Courses: Software Design, Databases
- cGPA: 3.38

RELEVANT EXPERIENCE

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| Pong (Verilog) | <ul style="list-style-type: none">• Created a version of the game Pong using Verilog and FPGA.• The game featured 3 speed settings, and 8 paddle and ball colours which could be switched individually during the game. |
| Theatre Blocker
(JavaScript, Python) | <ul style="list-style-type: none">• Developed the backend of a theatre blocking web application using JS and Python Flask.• The program was built inside a Docker container and deployed using Heroku. |
| Mancala (C) | <ul style="list-style-type: none">• Built a version of the game Mancala using C with multiplayer features.• The program used a client-server model and featured seamless drop-in drop-out. |
| Picture Organizer
(Java) | <ul style="list-style-type: none">• Collaborated with a team of 4 students in designing, implementing, and testing of a picture organization program in Java.• Implemented OOP as well as various programming patterns including abstract factory, and MVC.• The program included features such as renaming and favoriting pictures, as well as changing the directory in which they are located. |

EXTRACURRICULARS

University of Toronto Accessibility Office

2017

Volunteer Note Taker

- Provided clear and comprehensive lecture notes in aid of students with learning disabilities.

Agincourt Collegiate Institute

2013 - 2016

Swim Team member

- Received the Dedication Award from the Athletic Council for Co-ed Swimming
- 4 time medallist in City Championships, 7 time medallist in Regional Championships.