

# Yi Wai Chow

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## EDUCATION

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University of Toronto Bachelor of Science (Honours) | Computer Science Specialist 2018-Current

GPA: 3.0/4

Program Related GPA: 3.3/4

Relevant Coursework: Software Design (object-orientated design), Data Structure Analysis, System Programming, Computer Organization (focus on computer hardware knowledge), Calculus 2, Probability & Statistics

Current Relevant Courses: Algorithm Design & analysis, Database

## SKILLS

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Experienced in using multiple languages: Python, Java, C, JavaScript, HTML, CSS, Verilog, SQL

Competent with Framework/Library: Reactjs

Familiar with various technologies: GIT, Linux, Ubuntu, Visual Studio, Android Studio, Latex

## Relevant Personal Projects

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User Interactive Website October 2019 - Current

Relevant Technologies: Reactjs, JavaScript, HTML, CSS

Object animation following mouse event including background animation

Dynamic resizing based on different screen sizes.

Video Game Character Recommendation Tool September 2019

Relevant Technologies: Python (Tkinter)

Provides the most fitting characters based on user input characters

Utilizes Data Structure to achieve a faster run time complexity

User friendly GUI created using Tkinter

March 2018

Meteor Dodger Game

Relevant Technologies: Verilog

Keyboard controlled animated game in which players control a ship to dodge an incoming meteor

Dynamic difficulties scales with time

Android Game App November 2018

Relevant Technologies: Java, android studio

Implements user account creation/ login, multiplayer score chart, and in-game save files

Intensive use of Object-Oriented Programming and design pattern, such as interfaces and factory

Cooperated with a team of 6 using git to communicate app design and programming

## Miscellaneous Skills

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Native proficiency in Cantonese

Full professional proficiency in English and Mandarin