

# Chun Kit Li

3A Computational Mathematics and Statistics | University of Waterloo

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## Skills

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- ◆ Experience in Object-Oriented Programming with Java and C++
- ◆ Proficient in building front-end websites with HTML, CSS, and JavaScript
- ◆ Familiar with Pascal, Python, C, Scheme (Racket), and Unix Command Line (Bash)
- ◆ Solid understanding of algorithm design and data structures
- ◆ Ability to write clear and efficient code

## Education

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### University of Waterloo

*Sept. 2016 - Present*

**Candidate for Honours Bachelor of Mathematics**, Major in Computational Mathematics and Statistics

- ◆ University of Waterloo President's Scholarship (for 90 – 95 admission average)

## Projects

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### Quadris [C++] (Group)

*Nov. 2017 – Dec. 2017*

- ◆ a Tetris-like game which developed for one of my university computer science courses (CS 246)
- ◆ added "Hint" feature which displayed the Cartesian coordinate for next relative best move
- ◆ used observer pattern and only used smart pointers

### Trackr [HTML/CSS/JavaScript/Node.js] (Group)

*Sept. 2017*

- ◆ a website developed during Hack the North 2017
- ◆ used Microsoft Azure's facial detection API and tracking.js
- ◆ compared one photo (took from camera) with other photos in the database
- ◆ returned the highest similar photo from database to the user

### Minesweeper [C] (Individual)

*Mar. 2017*

- ◆ a text-based game which developed for one of my university computer science courses (CS 136)
- ◆ implemented the back-end algorithms (the school provided text graphical user interface)

## Activities and Interests

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Volunteer for StarterHacks 2019

*Jan. 2019*

Member of Statistics Club, University of Waterloo

*Jun. 2018 – Jul. 2018*

Member of Data Science Club, University of Waterloo

*Jan. 2018 – Apr. 2018*

Participant for Google Puzzle Game at University of Waterloo

*Oct. 2017*

Participant for Hack the North 2017

*Sept. 2017*

Mentor for Hour of Code at Father Michael McGivney Catholic Academy

*Nov. 2015*