

# Billy Pak Lam Lee

<https://github.com/pl3lee>

Email : [pl3lee@uwaterloo.ca](mailto:pl3lee@uwaterloo.ca)

Mobile : +1(437)224-6179

Address: 57 Russell Hill Road, Markham, Ontario, Canada L6C 2M5

## CAREER OBJECTIVES

---

Seeking for a software/web development position that allows me to make use of my various CS and web development skills learnt from projects and University.

## EDUCATION

---

- **University of Waterloo** Ontario, Canada  
*Honours Bachelor of Mathematics(Computational Mathematics) - Third Year* *Sep. 2020 – Present*
  - Cumulative GPA: 3.9/4.0
  - Double Major: Computational Mathematics and Combinatorics & Optimization
  - Minor: Computer Science

## PROJECTS

---

- **CV Generator - HTML/CSS/JavaScript(React)** Created a webpage that generates a CV using React.
- **Memory Game - HTML/CSS/JavaScript(React)** Created a web based game that trains your memory using React.
- **Battleship - HTML/CSS/JavaScript(React)** Created a Battleship game using React.
- **Sudoku Solver - Python** Implemented using the backtracking algorithm.
- **Watcard Transactions and Balance Checker - Python** Scraped Watcard transactions and balances using Selenium, then used matplotlib to create a frequency graph for the transactions.
- **Connect-X Game - Python** A variation of the Connect-4 game but with customizable board size and win condition.
- **Calculator - HTML/CSS/JavaScript** Created a basic calculator webpage.
- **Etch A Sketch - HTML/CSS/JavaScript** Created an Etch A Sketch webpage that lets the user draw whatever they want.

## EXPERIENCE

---

- **Hanabusa Japan Real Estate** Japan (Remote)  
*Data Entry Automator* *Sep 2020 - Sep 2021*
  - **Web Scraping and Data Entry Automation, Residential Properties**
    - \* Extracted residential property information and images from a Japanese real estate website ([homes.co.jp](https://homes.co.jp)) using BeautifulSoup4 and entered them into the company website ([hanabusa-realty.com](https://hanabusa-realty.com)) using Selenium in Python.
    - \* Saved up to 60 hours of manual labor per month.
  - **Web Scraping, Investment Properties**
    - \* Extracted investment property information from a Japanese investment property website ([system.reins.jp](https://system.reins.jp)).
    - \* Wrote a Python script that converted PDF files (Information taken from the website) into HTML files. Then, Selenium was used to select essential property information (over 30 fields) from the HTML file.
    - \* Saved up to 60 hours per month when compared to manually extracting information.
- **Walmart** Ontario, Canada  
*Meat Associate (Part Time)* *Jun 2021 - Aug 2021*
  - **Meat Stocking**
    - \* Responsible for stocking and rotating meat products on product shelves.

## SKILLS

---

- **Programming Languages:** Python, Javascript, C++, C, Bash, HTML, CSS, SQL, Ruby, R, MIPS Assembly, Racket, LaTeX
- **Technologies/Frameworks:** React, Redux Toolkit, Firebase, Selenium, BeautifulSoup4, Git, npm, Webpack, Linux/Unix, Adobe Photoshop, MS Office Suite
- **Hobbies and Interests:** Keyboard Building, USB 2.0 Cable Soldering, Badminton, Japanese Culture