Billy Pak Lam Lee

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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 - Second Year — Sep. 2020 – Present
  - Cumulative GPA: 88.07
  - Relevant Courses: Object-Oriented Software Development, Data Types and Structures, Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Logic and Computation, Introduction to Computers and Computer Systems

- **Niagara Christian Collegiate** — Ontario, Canada
  Class of 2020; Cumulative Average: 94 — Sep. 2018 – June. 2020

PROJECTS

- **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 Real Estate Agency** — 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) using BeautifulSoup4 and entered them into the company website (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).
    * 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, Ruby, R, MIPS Assembly, Racket, LaTeX

- **Technologies and Tools**: Selenium, BeautifulSoup4, Git, Adobe Photoshop, Adobe Premiere, MS Office Suite

- **Hobbies and Interests**: Keyboard Building, USB 2.0 Cable Soldering, Badminton, Japanese Culture