Eric Kwok

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A hard working and passionate software engineering student in his second year looking to apply relevant study and work experience to solve real world problems. Ability to learn and implement new concepts in programming. Experienced in Object Oriented Design in Java.

Qualifications

Include: **Java, Python, C**, Git, RISC-V, Verilog, Shell, MySQL

Education

Bachelor of Engineering, Software Engineering   **Expected April 2023**

Lassonde School of Engineering, York University

· Deans Honour Roll: **8.03 GPA (3.81/4.0)**

· Relevant Courses: Discrete Math, **Advanced Object Oriented Programming**, **Data Structures and Algorithms**

Recent Work Experience

Peer Helper / Lassonde School of Engineering, York University

Aug 2019 – Present

· Helped **organize** and **facilitate** events such as study sessions to involve students within the community

· **Supported** first year students transition into engineering and referred them to resources within campus

· Provided **flexibility** for volunteering and ability to work around a **tight schedule** to get tasks done on time

Sales Associate / Canada Computers, 3120 Rutherford Rd #21, Concord, ON

Apr 2019 - Sept 2019

· **Communicated** with customers in person to find their specific needs and answer technical questions

· Ability to multitask and **pick up skills** (was able to work as the cashier and merchandiser)

· Knowledge on computers, laptops, networking, and accessories within the store

Software Projects

Student Record System (Java)

· Developed a Student Record System capable of effectively storing many students within a **HashMap**

· Student information can store many parameters which can be accessed from its object

· Utilized core concepts in object oriented programming (**Inheritance**, **Aggregation**, **Exception Handling**)

Item Spreadsheet Automator (Python)

· Developed a python program to add purchases onto an **excel spreadsheet** using openpyxl

· User is asked to input a price, the program **automatically** adds the date and purchase ID to the spreadsheet

Virtual Shop (Python, Django, HTML)

· Developed a simple website containing a list of specific items with prices and a checkout link

· Utilized the Bootstrap framework for the Front-End development of the Web Application

· Utilized Python's Django framework to implement the Model-view-controller design pattern

Hackathon Projects

YEC Hackathon / Lassonde School of Engineering, York University

Case Study: Develop a program to create a more interactive classroom environment

TextNLearn (Python, Flask)

· Utilized Python and Twilio to create an interactive application that displays multiple choice questions, and waits for an SMS response

· After the answers have been received, they are **automatically** saved into an **excel sheet** where it displays certain **statistics** about the response (Correctness, Response, Points)