Jung Hyun Sohn
Student Programmer

EXPERIENCE

ME Onsite Inc.
Calgary, Canada
Nov 2018 - Present

Software Developer Intern

Utilized the **DirectShow** framework to create a replay program that captures multiple live feeds simultaneously, records them with audio and plays it back to the user.
Integrated graph filters using **GraphEdit** from the Microsoft DirectShow SDK to capture input.
Increased the number of available inputs by **200%**.

Taylor Family Digital Library
Calgary, Canada
Nov 2018 – Present

Navigator

Worked independently as a personable technical support representative.
Supported over **100** patrons daily in both hardware and software issues in a fast-paced environment.

Edam General Store
Edam, Canada
Jun 2014 – Aug 2018

Manager

Determined inventory needs, purchasing and logistics of merchandise.
Stocked shelves, cases, and fridges on a timely basis.
Responsible for payroll, payments to vendors and provided accounting information.

PROJECTS

lumenary.
May 2019 – Jun 2019

Utilized a **User Centered Design** to design an app prototype for patients suffering from Alzheimer's Disease.
Conducted in-depth interviews and user research, contributing key research learnings for potential user tasks and design choices.
Underwent multiple **user tests** and **heuristic evaluations** from both potential users and peers to inspect functionality and design.

Library Management System
Jan 2019 – Apr 2019

Worked in a team of 6 to use **Java** to implement a library management system.
Executed **100%** of **user stories** provided by a client in 4 iterations of the project.
Implemented the front-end component through **Java Swing.**
Built the automated testing infrastructure to unit test functionality using **JUnit.**

TROM
Jan 2017 – Apr 2017

Utilized **Java** in a team of 5 to design a game from scratch.
Implemented **Java AWT** to create the GUI.
Manually used **white box** testing to ensure proper functionality for each method.

EXTRACURRICULARS

Hong Kong Students' Association
Calgary, Canada
Jun 2019 - Present

Vice President Events

Organize monthly events such as Clubs Week, Welcome Back Party, and Club Retreat for over **800** current members.
Assign roles and responsibilities of other executives during events.
Attend bi-weekly club meetings to discuss and organize events with **17** other executives.

CONTACT

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TOOLS

Software Development Kits
PyCharm
Eclipse
Visual Studio
Git Command Shell

Programming
Python
Java
C++ / C
SQL
HTML / CSS / JavaScript

Prototyping
Adobe XD
Balsamiq

SKILLS

Analysis and Design of Efficient Algorithms
Procedural Programming
Object-Oriented Programming
Agile Methodology
Prototyping
Database Management

EDUCATION

BS Computer Science
University of Calgary

2016 – Apr 2022 (Expected)

Dean's List (2019)
Major GPA: 3.5/4.0

INTERESTS

Lifting Weights
Movies
Korean Cuisine
Hiking
Board Games
Sudoku