

## Suyoung Jang

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### EDUCATION

**Bachelor of Science, Software Engineering**  
University of Calgary

**Calgary, AB, Canada**  
Graduation Date (Expected): Jan/2028

### INTERNSHIP STATUS

Available from May 1, 2025, seeking a software engineering internship for 4 months or more

### SKILLS & INTERESTS

#### Skills:

- C, C++, Python, MySQL, Postgres, HTML, Java, JavaScript, Dart, C#
- React, Flutter, Spring Boot, Node.js, TensorFlow, Linux, Git

#### Relevant Coursework:

- Object Oriented Programming, Operating Systems, Networked Systems, Full Stack Web Development, Principles of Software Engineering Design
- Programming with Data, Data Structures & Algorithms, Database Management, Machine Learning Systems

### PROJECTS

#### Movie Booking System

- Designed and developed a movie booking system adhering to **OOP** principles using **Java** and Spring Boot, implementing seamless backend functionality and creating modular, reusable, and maintainable code.
- Created and managed a **MySQL** database to store and retrieve data from movies
- Integrated backend services with the database and ensured smooth data flow between application layers using **Spring Boot's** data access tools

Github link: <https://github.com/bellaajang/MovieBookingSystem>

#### Flashlight App

- Designed and developed a cross-platform mobile application using the **Flutter** framework with **Dart** for front-end functionality.
- Implemented platform-specific plugins in Android and iOS to control the flashlight and adjust phone brightness.
- Enhanced functionality by including unique features such as a bear bell with adjustable volume and an SOS signal.

#### Arts Museum Application

- Developed the database of many art pieces in **MySQL** and applied it by utilizing **Python** to be used for database maintenance, data entry, and browsing

Github link: <https://github.com/ENSF-300-F23/museum-project-l01-34>

## Handheld Retro Video Game Console

- Developed a snake game featuring randomized appearing apples with a snake eating the apples to grow by one pixel, using **C++** and **Arduino Uno**
- Designed a 3D model of the game console with Fusion 360

Github link: <https://github.com/bellaajang/snake-game>

## EXTRACURRICULAR/EXPERIENCE

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### The Association of Korean-Canadian Scientists and Engineers (AKCSE)

*Vice President in Events*

*5/2024 - present*

- Gathered feedback from executives and participants to achieve success and implement improvements for future events
- Led every event planning and execution for the organization, ensuring alignment with the mission to support Korean-Canadian students in STEM fields

*Executive in Events*

*9/2023 - 5/2024*

- Attended weekly meetings to plan a variety of events to provide means of academic assistance, networking opportunities, mentorship, and building positive and new relationships with Korean-Canadian students at the University of Calgary
- Being responsible for giving academic support and building a connection with other peers and professors to expand their future career prospects in Science and Engineering

### Schulich Leadership

*Leadership Team Member*

*9/2022 - present*

- Built diverse leadership skills and expertise through professional development in Engineering

### Song Academy

**1560 Church Ave, Victoria, BC V8P 2H1**

*Teaching Assistant Volunteer*

*10/2019 - 04/2020*

- Built a positive relationship with Korean Canadian students to foster a supportive environment and open communication and taught them Korean language
- Helped the students with their activities and assignments
- Kept an accurate track of the students' performances

## WORK EXPERIENCE

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### Paris Baguette Korea

**Incheon, South Korea**

*Bakery Clerk Team Lead*

*12/2021 - 08/2022*

- Managed front-of-house operations, including taking orders, answering customer queries, and handling transactions efficiently
- Trained and mentored new team members on customer service best practices, product knowledge, and store policies
- Addressed customer concerns promptly, ensuring a positive and welcoming bakery experience for 100+ customers daily