

# Dasom Kim

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## HIGHLIGHT OF QUALIFICATIONS

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- Experience creating Object-Oriented programs with Java and C#, and interactive web applications using React, JavaScript, HTML, CSS, and REST APIs.
- Exceptional communication and interpersonal abilities, demonstrated through liaising with stakeholders, assisting library members, and supporting clients in community participation.
- Proven leadership and organizational skills, demonstrated by managing teams, coordinating meetings, and developing individualized support plans with accurate documentation and efficient workflows.

## TECHNICAL SKILLS

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|--------------------|--------------|---------------|
| • Java             | • C#         | • PHP         |
| • Python           | • JavaScript | • HTML/CSS    |
| • MySQL            | • Bootstrap  | • React       |
| • .NET             | • ASP.NET    | • RESTful API |
| • Software Testing | • Git/GitHub | • WordPress   |

## EDUCATION

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### Mohawk College (Hamilton, ON)

Sep 2023 - Present

- Software Development Advanced Diploma (Current overall grade: 96.7%)
- Dean's Honours (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Semester)

### Hanbat National University (Daejeon, South Korea)

Mar 2009 - Aug 2014

- Bachelor of Arts in Japanese (GPA: 4.25/4.5)

## WORK EXPERIENCE

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### Information Clerk - Hamilton Public Library

Nov 2022 - Present

- Assist library members with inquiries, equipment, and basic technical support, including troubleshooting devices and guiding them through using library software or online resources.
- Handle check-ins and check-outs and maintain accurate member records.
- Collaborate with staff to maintain efficient library operations and stay informed on resources.

### Registration and Scheduling Assistant - Mohawk College

Oct 2023 - Apr 2024

- Managed and organized paper and electronic documents, facilitating digitization through accurate filing and scanning for streamlined record-keeping
- Conducted research on Ontario colleges, including analyzing policies and regulations.
- Provided flexible administrative support, proactively managing diverse tasks in the Registrar's Office.

### Group Home Manager / Direct Support worker – L'Arche Hamilton

Sept 2017 - Jan 2023

- Coordinated meetings and training sessions with stakeholders, demonstrating effective communication and problem-solving.
- Developed and implemented tailored plans, applying critical thinking to meet unique needs effectively.
- Managed documentation for finances and medical records, including scheduling and coordinating related activities.
- Streamlined financial processes and implemented improvements to ensure accuracy and efficiency in organizational operations.

## TECHNICAL EXTRACURRICULAR PROJECT

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### Weather Application

<https://github.com/llsomll/weather-app>

- Developed a real-time weather application using the OpenWeatherMap API, displaying temperature in Celsius/Fahrenheit and weather conditions for user-selected cities.
- Implemented dynamic loading spinner, search functionality, and responsive design.
- Deployed on Netlify with CI/CD integration for automated builds and deployments.
- Built with **React, HTML5, CSS, JavaScript, and OpenWeatherMap weather API** integration.

### Hamilton For You

<https://github.com/llsomll/hamilton-for-you>

- Developed an interactive Google Maps-based web app for exploring Hamilton's essential spots, using Open Hamilton public data for accurate location information.
- Integrated Google Maps API for dynamic markers, Geolocation API for real-time user location, and Geocoding API for user-added locations.
- Implemented category-based filtering, user-added markers, and a "Get Directions" feature linking to Google Maps.
- Built with **JavaScript, HTML5, CSS, Google Maps API, and Open Data**

### To-Do List Application

<https://github.com/llsomll/to-do-list>

- Developed a web application to help users manage tasks by adding, deleting, and marking them as complete, incomplete, or priority.
- Implemented task filtering based on status or priority with dynamic tab navigation.
- Built with **HTML, CSS, and JavaScript** for seamless user interaction and functionality.

### Ticket Scanning Application

[https://github.com/llsomll/ticket\\_scanning\\_app](https://github.com/llsomll/ticket_scanning_app)

- Developed a ticket validation system that checks for ticket validity, duplicates, and show type. Implemented a reset function to mark all tickets as unredeemed and provided real-time updates to the GUI with sound effects for valid and invalid tickets.
- Integrated event ticket validation algorithms, and optimized performance for real-time ticket scanning with a responsive interface.
- Built with **Java** for backend logic, **JavaFX** for building the interactive user interface, and **CSS** for styling

### Unity: Apple Harvest

<https://youtu.be/q7PWqgOgNEE>

- Developed a 2D arcade-style game where the player controls a basket to catch good apples for points, avoid bad apples for penalties, and collect rare golden apples for bonus points.
- Built with: **Unity** for game development, **C#** for scripting, and applied **object-oriented programming (OOP) principles** for efficient game mechanics.

## VOLUNTEER EXPERIENCES

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### Camphill Glencraig (Northern Ireland, UK)

Jan 2016 - Jan 2017

- Fostered trust and independence by supporting individuals with intellectual disabilities.
- Assisted in life skills development and personal growth, creating a safe, engaging environment.