

HANBIN BAE

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EDUCATION

Dalhousie University
Bachelor of Computer Science

Sep 2022 – May 2026
Halifax, NS

WORK EXPERIENCE

Assistant Chef
Bi One Korean Restaurant

Feb 2023 – Sep 2024
Halifax, NS

- Trained and supervised kitchen staff, promoting teamwork and efficiency.
- Implemented and maintained inventory tracking to prevent food shortages and oversupplies.
- Managed operations during peak times, ensuring smooth coordination and customer satisfaction.

Social Service Analyst
National Health Insurance Service

Aug 2020 – May 2022
South Korea

- Supported staff by handling documentation and organizing data using Excel, improving workflow efficiency.
- Assisted with administrative tasks to enhance team productivity and ensure smooth daily operations.
- Created and maintained documentation for recurring tasks, increasing knowledge transfer efficiency for new hires.

PROJECTS

Personal Portfolio Website | *React.js, Node.js*

Jan 2025 – Present

- Developing a full-stack web application featuring an AI chatbot that simulates interactions.
- Implementing secure API integration and custom prompt engineering to train AI responses.
- Developing RESTful API backend using Node.js/Express.js with error handling and security measures.

Flappy Bird | *Java, Swing*

Dec 2024 – Jan 2025

- Developed a Flappy Bird clone using Java and Swing, incorporating animations and collision detection.
- Utilized object-oriented programming principles to create modular and reusable game components.

Rock Paper Scissors | *Java, Android Studio*

Oct 2024 – Nov 2024

- Developed an interactive mobile game using Android Studio with a simple and intuitive user interface.
- Integrated gesture-based controls and visual feedback to enhance the user experience.

Beach Information App | *Java, Android Studio, Firebase*

May 2024 – Aug 2024

- Developed an Android app using Java and Android Studio to provide real-time beach data.
- Conducted code reviews and participated in team stand-up meetings to ensure alignment and timely progress.
- Implemented the Firebase Realtime Database integration, enabling efficient storage and retrieval of live updates.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (MySQL, Postgres), JavaScript, HTML/CSS

Developer Tools: Android Studio, Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse

Frameworks and Libraries: React, Node.js, Express.js, Spring Boot

VOLUNTEER EXPERIENCE

Vice President (Finance) | *Association of Korean Canadian Scientists and Engineers*

Sep 2023 – Jun 2024

- Presented financial reports to the Board, using data-driven insights to inform organizational growth.
- Oversaw budgeting, financial planning, and cost-tracking to support event funding growth.
- Implemented cost-saving strategies and controls, reducing total expenses by 10 percent.