# Dongwoo (Ray) Kang

# HIGHLIGHTS OF QUALIFICATIONS

- Pursuing a Bachelor's in Software Engineering at the University of Western Ontario, Level 3.
- Proficient in Git, Java, and software development with hands-on experience in creating applications including a 3D RPG and a European travel web application.
- Demonstrated multitasking and collaboration skills by optimizing service processes at Ajisen Ramen during peak hours.
- Strong time management and leadership skills, showcased as VP Small Group Coordinator for Korean Christian Fellowship.

## **SKILLS**

Languages:	Frameworks:	Technologies:	<b>Development Tools:</b>
• Java	• Node.js	• Git/Github	<ul> <li>Visual Studio Code</li> </ul>
<ul> <li>JavaScript</li> </ul>	<ul> <li>Angular.js</li> </ul>	<ul> <li>AWS (Amazon</li> </ul>	<ul> <li>Intellij IDEA</li> </ul>
<ul> <li>HTML/CSS</li> </ul>	<ul> <li>React.js</li> </ul>	Web Services)	<ul> <li>Visual Studio</li> </ul>
• Python 3	<ul> <li>.Net Core</li> </ul>	<ul> <li>Amazon EC2</li> </ul>	• Unity
• SQL	<ul> <li>Spring Boot</li> </ul>	<ul> <li>MySQL</li> </ul>	<ul> <li>PyCharm</li> </ul>
<ul> <li>TypeScript</li> </ul>		• Linux	<ul> <li>NetBeans</li> </ul>

## **PROJECTS**

**European Travel Destination Web App** | Node.js, Express, Leaflet, OpenStreetMap, AWS, Git/GitHub, Java, JavaScript, HTML/CSS, Visual Studio Code

- Built a dynamic web app featuring a RESTful API backend, supporting destination searches by region and real-time filtering for efficient information retrieval.
- Integrated OpenStreetMap with Leaflet to display interactive maps, enabling users to locate destinations and manage favorite lists by country.
- Deployed on AWS, ensuring secure data handling and high availability with cloud-hosted backend and frontend systems.

**3D Open-World Role-Playing Game** | C#, Visual Studio Code, Unity, Git/GitHub, Java, JavaScript

- Developed a 3D RPG inspired by Dark Souls, implementing robust character customization, combat mechanics, and open-world exploration with a team of 4.
- Engineered and optimized three unique game levels, improving loading times and performance for enhanced player experience.
- Integrated AI-driven enemy interactions and player progression systems, increasing engagement and retention.
- Collaborated via GitHub for version control and continuous integration, ensuring streamlined code management and efficient teamwork.

Payroll Application | Java, JavaFX, IntelliJ IDEA, SceneBuilder, MySQL, Git/GitHub, UML, HTML

- Designed and implemented a payroll management system with CRUD functionality for employee profiles, improving administrative efficiency.
- Developed user-friendly interfaces using JavaFX, enabling seamless profile creation and management by administrators.
- Secured data with MySQL for efficient and safe storage, while implementing user authentication and access controls.

Music Playlist Maker | Java, Visual Studio Code, MySQL, Spring Boot, Git/GitHub

- · Developed a music playlist application with collaborative features, allowing users to create and share playlists based on preferences.
- Implemented authentication protocols and recommendation algorithms, enhancing user engagement and personalized experiences.
- Designed complex database relationships for entities like users, artists, and genres, ensuring smooth integration with search and recommendation features.

## **EDUCATION**

## **Bachelor of Software Engineering**

London, ON

University of Western Ontario

September 2022 - April 2026

Relevant Coursework: Object Oriented Programming, Data Structures & Algorithms, Compilers, Functional Programming, Computer Organization/Design, Scripting, Databases, Web Technologies, Networking

#### **EXTRA-CURRICULAR ACTIVITIES**

## **Korean Christian Fellowship**

**VP Small Group Coordinator** 

September 2024 - Present

- Western KCF is a club that aims to provide an inclusive community for Korean-Christian students and any students who would like to learn more about the Bible through social and charitable events
- Led community engagement initiatives, including weekly study plans, social events, and volunteer activities to foster an inclusive environment.
- Organized and conducted three weekly meetings, boosting member participation and fostering a supportive community.

## WORK EXPERIENCE

### Ajisen Ramen

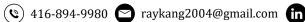
Line Cook

August 2021 - August 2023

- · Optimized kitchen workflow by managing multiple cooking stations simultaneously, reducing order fulfillment times.
- Collaborated with team members to enhance service efficiency during peak hours, improving customer satisfaction scores.
- Maintained high standards of consistency across ingredients, ensuring quality across 100+ orders daily.

#### SOFT SKILLS

- Languages: English (Fluent), Korean (Fluent)
- Adaptability in fast-paced environments
- Clear communication and teamwork
- · Effective time management and prioritization
- · Eagerness to learn and apply new technologies





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