

# INHWA SON

[ison2@dons.usfca.edu](mailto:ison2@dons.usfca.edu) | [linkedin.com/in/inhwa-son](https://www.linkedin.com/in/inhwa-son) | San Francisco, CA | (628)-688-5913

## EDUCATION

**University of San Francisco, USA**

M.S. in Computer Science

August 2022 – December 2024

GPA 4.0/4.0

**Ewha Womans University, South Korea**

B.A in French Language, Minor in Business

March 2013 – February 2018

GPA 3.6/4.5

## EXPERIENCE

**Software Engineering Intern** at Openprise, San Mateo, United States

June 2023 – August 2023

- Automated monthly process for multi-architecture images management by using **buildx** and **regctl**.
- Transformed an HTTP Application into a **Micronaut** CLI Application for on-demand utilization.
- Designed and implemented **Kubernetes** pod-in-pod functionality by creating essential configuration files.
- Created a prototype program designed to run in a **WSL** environment, which was only functional on **Linux**.

**Software Engineer** at HanaTI, Incheon, South Korea

January 2018 - April 2022

Hana Capital Project

- Launched a new CVS repayment system using **Docker** containers in Linux.
- Managed an Oracle container on **AWS EC2** server for Indonesian and South Korean developers.
- Created new interface screens and services using **Java**, **Javascript** and **Spring Batch**.

HanaTI Global Project

- Containerized server systems using **Nginx**, **Oracle DB**, and a **Spring Boot web application** within **Docker**.
- Managed containers using **Spring Cloud Gateway** and **Netflix Eureka** for enhanced security and improved inter-container communication.
- Converted Jenkins to **GitLab CI/CD** to implement **DevOps** stack.
- Developed and executed international workshops on constructing new screens and services on **Springboot** framework.

## PROJECTS

**AudioSensAI in Dons Hack**

[GitHub](#)

- Constructed a website for audio analysis, leveraging **AI** to produce a pertinent video with voiceover and subtitles.
- Achieved this using **Django**, **PostgreSQL**, and **Nginx Docker** containers to operate as a Web Application.
- Implemented **SSL** and **CSRF Token** to bolster security measures.

**Dear Diary for Us**

[GitHub](#)

- Designed and developed a **Springboot** web application with **React** and **MySQL** for couples to journal together.
- Incorporated Google API for OAuth2 authentication and email notifications to commemorate anniversaries by tracking couples' registration dates.

**Flextra: Reduce food waste for sustainability**

[App Demo](#)

- Developed a mobile application using Adalo, known for its no-code app development capabilities.
- Attained first place for devising a mobile application to reduce the food waste in the community garden.

## SKILLS

**Programming Languages:** C, Java, Groovy, Python, HTML/CSS, Javascript(Vue/Angular/React/Node), JQuery

**Web Development:** Web Services (Micronaut, Spring, Springboot), AJAX, ORM Frameworks (Hibernate, JDBC)

**Containerization/Cloud:** Docker, Docker Swarm, Kubernetes, AWS, Regctl, Spring Cloud Gateway, Eureka

**DBMS:** Oracle Database, ETL, MySQL, PostgreSQL, EDB, SQL Server

**Platform/Tools:** VSCode, Postman, IntelliJ/PyCharm, Jupyter Notebook, Eclipse, Powerbuilder

**Others:** Jenkins, Gradle, Maven, Github Actions, GitLab CI/CD, Git

## AWARDS & CERTIFICATES

- Best Cybersecurity in Dons Hack
- Won the First Prize of the Sustainability Design Challenge 2022
- HanaTI Excellent Employee Award for successful management and communication with outsourcing company
- Java Front-end Boot Camp of HanaTI