

# Lee JeongHyeon - Joy(이정현)

Email: [workhappyj@gmail.com](mailto:workhappyj@gmail.com) | Phone: +82-10-6618-2371 | GitHub: <https://github.com/jeonghyeonee> |  
LinkedIn: <https://www.linkedin.com/in/jeonghyeonee/>

## EDUCATION

**Seoul National University of Science and Technology**, Seoul, South Korea

B.S. in ITM (Information Technology Management)

March 2020 – February 2025

- Cumulative GPA: 3.65 / 4.5
- Relevant Coursework: Software Engineering, Database Practice Web Programming, Data Structures, Business Analytics, IT Project Management, Enterprise Resource Planning, Fundamental of Finance

**Northumbria University**, Newcastle, U.K.

B.S. in ITM (Information Technology Management)

March 2021 – August 2025 (Expected)

- Upper Second Class Honours

## TECHNICAL SKILLS

- Languages: Python, Java, SQL, HTML, CSS, JavaScript, Kotlin
- Frameworks/Libraries: Flask, Pytorch
- Tools: Git, GitHub, ServiceNow, AWS, Hadoop, SAS, Linux, Android Studio

## WORK EXPERIENCE

**Deloitte Anjin Korea**, Seoul, South Korea

October 2024 – March 2025

- Analyzed existing financial workflows in SAP ERP, identified key automation opportunities, and contributed to the development of an enhanced SAP-based system architecture to improve overall efficiency and compliance.
- Conducted internal operations evaluations for SK E&S, Hyundai Motor, and Hyundai AutoEver, Megazone Cloud.
- Assessed compliance and operational efficiency, identifying improvement opportunities.

**SAS Korea**, Seoul, South Korea

April 2024 – October 2024

Technical Support Intern

- Explored compliance solutions using Kubernetes-based microservices architectures.
- Supported clients via ServiceNow, ensuring effective incident resolution and risk mitigation.

**Intel Korea**, Seoul, South Korea

September 2022 – September 2023

Undergrad Technical Intern

- Assisted FAE in resolving 15 issues related to Intel Arc (GPU).
- Collaborated with CEO's assistant to generate reports for the CEO, including insights on the Korea market and key business indicators.
- Participated in the development of 360-degree automotive camera views and vehicle/person detection for the 2023 CES Demo.

## PROJECTS

**Groupify.**

- Developed an Android application for automatic app organization using Kotlin.
- Implemented automatic categorization of applications based on functionality and app groups by analyzing over 100,000 datasets from the Google Play Store.

**TREND Catcher**

- Recommended products related to trending dramas and connected users to shopping sites.
- Stored and preprocessed 200,000 tweets using Hadoop, published processed data via MySQL and Web.

**JiGu**

- Developed an Android app for recommending diets and recipes for vegetarians using ChatGPT Fine Tuning and Kotlin.
- Created software requirements specification and software design documents.

**Seoul Public Bike Analyst**

- Developed strategies for relocating Seoul public bikes based on demand predictions using weather, time, and location data from the Seoul Bike API.
- Improved model accuracy by 27% compared to single models through an ensemble model utilizing LGBM and XGBoost.

**Thread**

- Conducted UX research and analysis to design a recycling app.
- Performed user experience interviews and analysis, developed app features based on AS-IS analysis.

## LEADERSHIP EXPERIENCE

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<b>Core, GDSC(Google Developer Student Club) SeoulTech Club</b> , Seoul, South Korea	August 2023 – August 2024
<ul style="list-style-type: none"><li>Led Deep Learning studies using PyTorch.</li><li>Developed an Android app for ecological mapping using Google Gemini.</li></ul>	
<b>Captain, ACC(AWS Cloud Club) SeoulTech Club</b> , Seoul, South Korea	July 2023 - February 2025
<ul style="list-style-type: none"><li>Presented and studied AWS databases such as DynamoDB, RDS, S3.</li><li>Studied system architecture using AWS</li></ul>	
<b>President, STEM(SeoulTech Encouraging Mentor)</b> , Seoul, South Korea	May 2021 - February 2025
<ul style="list-style-type: none"><li>Provided career mentoring and university admission counseling for middle and high school students.</li></ul>	
<b>President, BOAZ(Big Data is Our A to Z)</b> Seoul Union Club, Seoul, South Korea	July 2021 – August 2022
<ul style="list-style-type: none"><li>Led data engineering studies and projects.</li><li>Conducted studies on Hadoop, Spark, DB, AWS, Kubernetes, Docker.</li><li>Developed a Hadoop cluster optimization and MapReduce monitoring system.</li></ul>	

## ACHIEVEMENTS

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<b>Silver Award, ITM Capstone Design Project</b>	December 2024
<ul style="list-style-type: none"><li>Development of an Android App for Folder Organization Based on Color and Functionality</li></ul>	
<b>Gold Award, ITM Global Challenger – Offline section</b>	December 2024
<ul style="list-style-type: none"><li>Exploration of Current and Future Uses of Cloud Computing - Kubernetes and AWS</li></ul>	
<b>Gold Award, ITM IT Service Competition – Develop section</b>	December 2023
<ul style="list-style-type: none"><li>Development of vegan information Application</li></ul>	
<b>Division Recognition Award, Intel Global</b>	2023
<ul style="list-style-type: none"><li>Division Recognition Award; Quarterly Award for contributions that have divisional impact in Q2, 2023</li><li>Contribute to the ARC(Intel GPU) Issue</li></ul>	
<b>Silver Award, ITM Global Challenger</b>	May 2022
<ul style="list-style-type: none"><li>Researched current applications and future advancements of Hadoop, including exploration of Apache Ozone.</li><li>Planned and executed the "Hi Hadoop" project, collaborating with open-source developers to learn about the processes involved in open-source development.</li></ul>	
<b>Bronze Award, ITM IT Service Competition – Planning section</b>	December 2021
<ul style="list-style-type: none"><li>Planning an application that recommends cafes suitable for studying</li></ul>	
<b>Encouragement Award, ITM IT Service Competition – Planning section</b>	December 2020
<ul style="list-style-type: none"><li>Planning a website that automatically creates writing forms</li></ul>	
<b>Encouragement Award, ITM IT Service Competition – Develop section</b>	December 2020
<ul style="list-style-type: none"><li>Development of vegan information website</li></ul>	

## SKILLS

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- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)
- Strong analytical skills for deriving insights from data
- Excellent communication and teamwork abilities
- English: OPIc: IH(Intermediate High)