

Lee JeongHyeon - Joy(이정현)

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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

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

ACHIEVEMENTS

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

SKILLS

- 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)