

Hyunwoo Jang

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Education

Yonsei University

Seoul, Korea

Bachelor of Engineering, **Industrial Engineering** (Primary Major), **Applied Statistics** (Dual Major)

(Expected Feb 2025)

- **GPA : 4.08 / 4.3** (4.22/4.5; 98.3/100) • Major GPA : 4.12 / 4.3
- Awarded a university scholarship consecutively for four years
- Relevant Coursework : **Deep Learning, Financial & Reliability Engineering**, AI optimization, Data Structure & Algorithms
Mathematical Statistics, Engineering Mathematics (1-3), Linear Algebra, Analysis, Data Mining

Daegu Science High School

Daegu, Korea

- Honorable mention, **KOI (Korean Olympiad in Informatics)**, 2017
- Bronze medal, **KMO (Korean Mathematical Olympiad)**, 2017
- Other Multiple Awards in Mathematics and Informatics Competitions

Graduation Date: Feb 2019

Activities & Projects

Molgorithm (School Algorithm Club)

Sep 2023 - Present

- **Ranked 39th in the 2023 ICPC Korea Regional and 42nd in the 2024 ICPC Korea Regional**
- Won a gold medal (1st place) in the 2024 university programming competition
- Achieved Master rating on **Codeforces** (highest rating : **2181**) and ranked Diamond 1 on Baekjoon Online Judge

Ministry of Culture, Sports and Tourism's 2024 Cultural Heritage and Sports Data Utilization Contest

Dec 2024

- **Awarded Grand Prize (1st place)**
- Promoted night tourism in Jeollanam-do using Naver API and Graph Neural Networks (GNN) for regional analysis
- Conducted clustering and feature analysis to generate insights for regional tourism strategies

Korean Society for Quality Management (presenter – 2023 Fall Conference)

Nov 2023

- **Awarded Best Presentation Award**
- Presented a data mining-based proposal for a career exploration activity matching system in the free semester program
GitHub Repository : github.com/J-nowcow/Activities_Matching_System_Free_Semester

SW Maestro (Software Talent Development Program by Ministry of Science and ICT : 14th Cohort)

Mar 2023 – Nov 2023

- *Developed AI models by combining LLM and custom sentiment analysis models*
- Improved F1 scores for category (0.54 → 0.66) and sentiment analysis (0.54 → 0.65)
- Analyzed user reviews to enhance recommendation systems
- Contributed to AI model development, data collection, and pipeline construction
GitHub Repository : github.com/review-mate

YBigTa (Yonsei Big Data Academic Club)

Jan 2020 - Feb 2021

- **Served as Vice President**
- Studied Computer Vision and NLP in artificial intelligence and data analysis

Work Experience

AI Research Intern

Seoul, Korea

Codevision Inc.

Nov 2021 – Feb 2022

- *Built an image identification model with EfficientNet and few-shot learning using Pytorch*
- Achieved 90% accuracy on cat image identification tasks
- Acquired hands-on experience in AI model development, data analysis, and model performance evaluation

Skills & Interests

Technical: C/C++, Python (for ML / DL), R, MYSQL, Git/Github

Language: Korean (Native), English (conversational proficiency)

Certificates: ADsP (Advanced Data Analytics Semi-Professional), SQLD (SQL Developer)

Interest

- **Represented Korea in Othello, ranked 2nd nationally and top 50 globally**
(Ranking can be viewed : www.worldothello.org/ratings/player?playerID=30503)