

# Sumin Park

Ulsan, Korea | suminpark@unist.ac.kr | 010-7187-1446 |

## Education

UNIST, BS : Major in Industrial Engineering and Minor in Design Spring 2021 – Spring 2025

- **Coursework:** Data Mining, Principle of Deep learning, Algorithm Trading, Cognitive neuroscience, UX design

## Experience

Student Research Intern, Data intelligence Lab – UNIST AI April 2024 - present

Student Intern, 3Dshape LAB, UNIST CSE Summer 2023

## Industry Experience

Machine Learning Engineer, 10fingers – Seoul Winter 2025

- Developed machine learning and deep learning algorithms to predict the popularity of entertainment and dining venues.
- Designed and implemented a store recommendation system that identifies potential partnership venues based on similarity and predicted popularity scores.
- Integrated machine learning models with the back-office system to support internal decision-making and streamline operational workflows.

Developer, LABis (University Startup) – Ulsan 2023

- Developed frontend and machine learning components, improving system usability and performance.
- Conducted usability testing and iteratively refined UI/UX for a better user experience.

## Awards

### The 4th UNIST-KAIST-POSTECH AI&Data Science Competition

- Developed a Finance Retrieval-Augmented Generation (RAG) system to efficiently retrieve and generate financial insights using AI.
- Finalist - Encouragement Award

### 2024 UU Digital Healthcare Hackathon

- Developed a Large Language Model (LLM) system designed to assist schizophrenia patients by providing personalized and empathetic support.
- Outstanding Accomplishment Award

### Emotion Detection Model in VR Game, Interactions Lab - UNIST

- Achieved 2nd Place in the Practical Problem Solving Competition for innovative application of HCI principles in virtual environments.

## Technologies

**Programming Languages:** Python, JavaScript, C#, SQL

**Machine Learning & Deep Learning:** TensorFlow, PyTorch, Scikit-learn

**Graph-based AI:** NetworkX, DGL (Deep Graph Library)

**Development Tools:** Git, Docker

**OS:** Windows, Linux, macOS