

# ILJU PARK

## Research Engineer at Hyundai Motor Company

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### Personal Profile

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### Work History

- **Hyundai Motor Company** **Seongnam, South Korea | Mar. 2025 – Present**  
Research Engineer in AVP Division, Architecture System Integration Team
  - Responsibilities: Module Configuration (Vehicle Architecture Development & Planning), Module Management, Module Reuse
  - Projects: Competitor Modular System Reuse Benchmarking (w/ A2mac1)
  - Skills: Project Management, Data Analysis (Python)
- **Hyundai Motor Company** **Hwaseong, South Korea | Aug. 2024 – Feb. 2025**  
Research Engineer in AVP Division, Vehicle Architecture Module Planning Team
  - Responsibilities: Module Configuration (Vehicle Architecture Development & Planning), Module Management, Module Reuse
  - Skills: Project Management, Data Analysis (Python)

### Education

- **Hanyang University** **Seoul, South Korea | Mar. 2018 – Aug. 2024**
  - B.S. in Industrial Engineering (GPA 4.09/4.5) & B.A. in Finance (GPA 4.13/4.5)
  - Summa Cum Laude
  - Graduation Thesis **Mar. 2021 – Jun. 2021**  
: 회귀모델을 통한 국내 의사 수 적정성 평가 연구: OECD 국가들의 데이터를 중심으로
  - Dean's list / Hanyang Brain Award (scholarship): Ranked 1st **Spring 2018**

## **Research Experiences**

- **KAIST Lab Internship** **Daejeon, South Korea | Dec. 2023 – Feb. 2024**  
Professor Il-chul Moon, AAILab in the Department of Industrial and Systems Engineering
  - Project: Analyzing the Supply Chain Network Created from the Conventional Relation Extraction Model and Chat-GPT: Focusing on S&P 500 Companies
  - Lab Study: Generative Models (VAE, Diffusion)

## **Extracurricular Activities**

- **Google Machine Learning Bootcamp** **South Korea | Sep. 2023 - Nov. 2023**
  - Kaggle Competition **Oct. 2023 - Nov. 2023**  
: Binary Prediction of Smoker Status using Bio-Signals (166/1908)
  - Deep Learning Specialization, Coursera **Sep. 2023 - Oct. 2023**  
: Neural Networks and Deep Learning / Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization / Structuring Machine Learning Projects / Convolutional Neural Networks / Sequence Models

## **Certifications & Licenses**

- 정보처리기사, 한국산업인력공단(HRD Korea) **Jun. 2023**
- SQLD, 한국데이터산업진흥원 **Sep. 2022**
- 빅데이터분석기사, 한국데이터산업진흥원 **Jul. 2022**

## **Skills**

- Programming: Python, R, SQL, JAVA
- Data Processing: Pandas, Excel
- Machine Learning: Scikit-learn, TensorFlow
- Data Visualization: Tableau

## **Languages**

- English: Intermediate