

# DooHyun Kim

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Bachelor Student  
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## Educations

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Hanyang University ERICA, Ansan, Korea (Mar. 2023 ~ Present)

- Major in Media Technology
- Major in Computer Science
- Minor in Acturial Science

*Bachelor Student*

GPA: 4.2 / 4.5

## Research Interests

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- Human-Computer Interaction
- Financial Engineering
  - AI in Finance
  - Financial Market Analysis and Forecasting
  - Risk Management
  - Financial Data Analysis
- Fintech / Insurtech
  - Financial / Insurance Product Recommendation Services
  - Personal Financial Management Services

## Personal Projects

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- COVID-19 Projects
  - Computer Vision
    - [CV] Masked Face Classification Model (AlexNet) (Sep. 2023)
    - [CV] Handwritten numeric classification model (LeNet-5) (Sep. 2023)
    - [CV] Real-time Masked Face Classification using AlexNet Model with OpenCV (Mar. 2022)
  - Deep Learning

- [DL] Forecasting the daily number of confirmed COVID-19 cases using LSTM (Aug. 2021)
  - Embedded System
    - [ES] Production of Non-Contact Thermometer (May. 2021)
- Soical Issues Projects
  - Natural Language Processing
    - [NLP] Pet Loss Syndrome Psychological Counseling Chatbot (Nov. 2024)
    - [NLP] Pet Trainer AI Chatbot (Nov. 2024)
  - Data Science
    - [DS] Subway congestion at Hanyang University at Ansan Station by time zone (Dec. 2023)
  - Game(Contest)
    - [대회] 2021 Ulsan AI · SW Hackathon (Oct. 2021)
  - Embedded System
    - [ES] Production of Potato SmartFarm (Jun. 2021)
    - [ES] Production of Air Purifier (May. 2021)
- Other Projects
  - Demonstration
    - [CS] Computational Demonstration of the Monty Hall problem (Jul. 2022)
  - Game
    - [Game] PAC-MAN implemented in C++ language (Sep. 2020)

## Honors and Awards

Awards	Grade	Date	Organization
2024 National University Students SW Startup Ideathon	Encouragement Award (4th place / 83 teams)	Nov. 2024	Hanyang University ERICA Center For Software Oriented Society
Academic Excellence Scholarship	-	Fall. 2023	Hanyang University
Admission Excellence Scholarship	Full Tuition Scholarship	Spring. 2023	Hanyang University
English Speech Contest	Encouragement Award (3rd place / 30 teams)	Dec. 2021	Maegok High School
Sangsang Craft Competition (Software Division)	1st Prize (1st place / 23 teams)	Oct. 2018	Maegok Middle School

## Skills and Techniques



# Certifications

Certification	Organization	Date
New TEPS 291 / 600	The TEPS Council	Jun. 2024
Craftsman Information Processing	HRD Korea	Apr. 2024
Driver's License 2nd Class Ordinary	Gyeongbuk Provincial Police	Jan. 2024
DIAT - Presentation Advnaced	KAIT	May. 2017
DIAT - Word Processor Advnaced	KAIT	Mar. 2017
DIAT - Spreadsheet Advnaced	KAIT	Sep. 2016
Hap Ki Do 3rd Dan	The Korea Ki Do Association	Jan. 2016

# Additional Information

- solved.ac

G5
- Member of HYAI, the Artificial Intelligence Association (Mar. 2024 ~ Present)
  - Leader of IT Convergence, the IT Making Club (Mar. 2021 ~ Feb. 2022)
  - Leader of Cpp(Cooperate Project Programming), the Programming Club (Mar. 2020 ~ Feb. 2023)
  - Member of 3D Design Club (Mar. 2020 ~ Feb. 2021)
  - Leader of Macro, the Programming Club (Mar. 2018 ~ Feb. 2020)