



# Kwanho Kim

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[github.com/KKWANH](https://github.com/KKWANH)

[kkim.info](http://kkim.info)

[kwanho.kim](https://www.instagram.com/kwanho.kim)

## Summary Statement

Joined 42Seoul at the age of 17, currently developing & learning various IT experiences with artificial intelligence as the main focus.

- Basic computer science knowledge, programming skills learned from 42 network(level: 11.48%)
- Leadership ability to lead team members to grow up and achieve the goal as the club president of Rush03 (42Seoul's band).

Recently studying various projects in the field of AI and Embedded;

AI :

- Machine Learning projects with 42 outer-circles
- Deep Learning's basic concepts and yolov5
- Reinforcement Learning by a study group

Embedded:

- ROS1&2 with jetson nano, raspberry py based on Ubuntu OS

## Education

- 2022.09 42 Seoul 2nd student & common-core completion
- 2022.04 MODULABS  
~ current
- 2020.08 Bachelor's Degree of Science in Computer Engineering (4.24/4.5)  
- The Korean Academic Credit Bank System
- 2022.08 Bachelor's Degree of Business Administration (3.77/4.5)  
- The Korean Academic Credit Bank System
- 2022.02 Completion of PRML 2022 by KIISE
- 2021.07 Completion of GC Big Data and ML Fundamentals by Coursera
- 2020.05 Completion of UI/UX Smart Contents Application SW Engineering
- 2016.12 Gyeonggido Suwon Office of Education -  
Institute for Mathematics Science Gifted
- 2016.08 Selected Exchange Students in Suwon(Korea)-Jinan(China)  
Youth Intl' Reciprocal Visit Program

## Certification

- 2022.12 TOEIC Speaking (160, Advanced Low)
- 2021.12 TOEIC (860)
- 2020.12 Craftsman Electronic Apparatus by HRD Korea
- 2020.11 Engineer Information Processing by HRD Korea
- 2019.11 Computer Specialist in Spreadsheet & Database Level I by KCCI

## Essay

- 2018.07 Coordinate calculation study by distance from 3 points in space
- 2018.07 Implementation of DNA replication through Scratch
- 2017.12 Constructing a regular pentagon in the complex plane and finding the roots of quadratic equations
- 2017.07 Darwin's Theory of Evolution and Case Studies  
: EvoDots, Evolution Lab

## Languages

- Korean native
- English Toeic 860 : B2
- Deutsch A1

## Programming Skills

adv. beginner proficient beginner

Python C C++ Typescript

HTML/CSS/JS Docker ML/DL

Figma Notion ROS

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- **42Seoul - AI**

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- **AI**

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- **42Seoul - Common Core**

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## **Project/Study Experiences**

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- **total-perspective-vortex**  
2023.01 ~ current    **EEG, Classification, Dimensional Reduction Algorithm**  
Pre-processing large dimensional data  
Classifying the brainwave data
- **dslr**  
2022.12 ~ 2023.01    **Machine Learning, Logistic Regression, Data Science**  
Analyzing random harry-potter student data  
Implementing "The Sorting Hat"
- **ft\_linear\_regression**  
2022.12 ~ 2022.12    **Machine Learning, Logistic Regression**  
Predicting used-car's value based on the km
- **DR4R lab**  
**Deep learning / Reinforcement Learning for Real World System)**  
2023.01 ~ current    **Deep Learning, Reinforcement Learning, Embedded, ...**  
create mobile vehicles and implement autonomous driving functions
- **Group Study: Deep Learning from Scratch**  
2022.11 ~ 2023.02    **Deep Learning Concepts, CNN, ...**  
Studied DL by <Deep Learning from Scratch> book in MODULABS
- **Rubato Lab, Beam of Seoul (AI Song Contest 2022)**  
2022.04 ~ 2022.06    **Music VAE**  
Composed music based on generated future house concepts by ai
- **ft\_transcendence**  
2022.04 ~ 2022.08    **Web, Typescript, React.js, Figma**  
Implementing ping-pong game & community site as Frontend
- **webserv**  
2022.01 ~ 2022.04    **Web, C++, HTTP server**  
Implementing my http-server based on HTTP RFC
- **inception**  
2021.05 ~ 2021.07    **Docker-compose, Virtual Machine**  
Creating an individual system by docker-compose and virtual machine
- **cub3d**  
2020.12 ~ 2021.02    **C, Ray-casting, Game Programming**  
Implementing <Wolfenstein 3D> with C and Ray-casting Algo.
- **<intra.42.fr/users/kkim>**  
2020.10 ~ current    **You can see my other experiences in the site above.**  
Also, my github & blog links are provided on the previous page.  
Please visit to check more!