

# JUNYOUNG KOH

Artificial Intelligence  
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## Education

Mar 2023 -	M.S/Ph.D., Department of Artificial Intelligence, Yonsei University, Seoul, Republic of Korea
Mar 2017 - Feb 2022	B.S., Global School of Media, Soongsil University, Seoul, Republic of Korea
Mar 2013 - Feb 2016	Seoul High School, Seoul, Republic of Korea

## Publications

### Workshop

- [1] **Junyoung Koh**, Sanghyun Park, Joy Song. (2024). Improving Text Generation on Images with Synthetic Captions. IIAI AAI 2024 Workshop 16th International Congress on Advanced Applied Informatics. [Waiting for Accept]
- [2] Jaewan Park, Sanghyun Park, **Junyoung Koh**, Junha Lee, Min Song. (2024). CAT: Contrastive Adapter Training for Personalized Image Generation. CVPR 2024 Workshop Generative Models for Computer Vision. [PDF](#) [arXiv](#)

### Proceedings

- [1] **Jun-Young, Koh.**, Kang-Hee Lee. (2022). Proposal of 3D Camera-Based Digital Coordinate Recognition Technology. The Korea Society of Computer and Information Summer Conference 2022.

## Career

July 2023 -	AI Team Leader & AI Researcher , ONOMA AI, Seoul, Republic of Korea
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## Projects

Sep 2021–May 2022	Media of Global Graduation Exhibition Product : "Space for U : AI Art Therapy"  Color Therapy Using Fuzzy System.  Distance Recognition using CNN : SSD Model.  Music Mood Recognition using SVM.
Sep 2021–Dec 2021	Embedded System Class Project  KoNLPy-tTV : NLP using Jetson Nano  Using KoNLPy to input what I say and Crawling images to make video.
Mar 2021–Jun 2021	AI Class Project  - TSP-Genetic Problem solved using Genetic Algorithm  - Visualization of Classification process by Intermediate Feature Space, Class Activation Map  - Gaussian Mixture Model Using Probabilistic Density Function(PDF) estimation, Expectation Maximization (EM)

## Teaching

Fall 2022	C++ SW Tutor	Soongsil University
Summer 2018	Linux Programming ICT Volunteers	NIA, Asunción, Paraguay

## Teaching Assistant

Fall 2022	Cospaces Edu for Kids	Soongsil University
Summer 2022	Machine Learning for Kids	Soongsil University
Summer 2022	SSU Media, Machine Learning Course	Soongsil University
Spring 2022	Woori Digital Academy : AI	Soongsil University

## Selected Honours and Awards

2018	Achievement Award, Secretaría Nacional de Tecnologías de la Información y Comunicación
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