

# Taejin Jeong

## Curriculum Vitae

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### RESEARCH INTERESTS

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Medical Image, Computer Vision, Graph Neural Network, Diffusion, Foundation model

### EDUCATION

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#### Yonsei University

*Ph.D. Student in Computer Science*

Advisor : **Prof. Seong Jae Hwang**

Seoul, Republic of Korea

*Mar. 2024 – Feb. 2029 (Exp.)*

#### Yonsei University

*B.S. in Astronomy*

Seoul, Republic of Korea

*Mar. 2018 – Feb. 2024*

### PUBLICATIONS

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[1] G. Choi, **Taejin Jeong**, S. Hong, S. J. Hwang, “[DragText: Rethinking Text Embedding in Point-based Image Editing](#)”, *WACV 2024* (**Oral**, AR  $\leq 21.8\%$ ) [PDF]

### PREPRINTS

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[2] **Taejin Jeong**, J. Kim, J. Joo, Y. Jung, H. Kim, S. J. Hwang, “[Rethinking Glaucoma Calibration: Voting-Based Binocular and Metadata Integration](#)”, *arXiv Preprint* [PDF]

[3] J. Joo, **Taejin Jeong**, S. J. Hwang, “[Brain-Streams: fMRI-to-Image Reconstruction with Multi-modal Guidance](#)”, *arXiv Preprint* [PDF]

### WORKSHOP PUBLICATIONS

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### RESEARCH EXPERIENCE

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#### Medical Imaging & Computer Vision Lab @ Yonsei University

Mar. 2024 – Present

Advisor: **Prof. Seong Jae Hwang**

- Medical Image Model Calibration
- Medical Image Registration
- Multi-modal Image Editing

#### Computer Vision Lab @ Yonsei University

Jan. 2023 – Feb. 2024

*Undergrad Research Intern*

- Reconstructing an image through fMRI images
- Medical Image Model Calibration

### ACADEMIC SERVICE

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#### Conference (Workshop) Organizer

#### Conference Reviewer

- *IEEE/CVF Winter Conference (WACV) 2024*

### SKILLS

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#### Programming

- Fluent in Python, Deep Learning Frameworks (Pytorch, Pytorch Lightning, TensorFlow), Python Libraries (Diffusers, Hugging Face, MMCV, Scikit-Learn, etc), Shell Script, Git,  $\text{\LaTeX}$ , IRAF
- Have foundation for C, C++

#### Languages

- Native speaker in Korean
- Fluent in English

## TEACHING EXPERIENCE

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### Yonsei University

Sep. 2024 – Present

- Teaching Assistant: “Data Structure” (Spring 2024)

## PROJECT EXPERIENCES

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### ”Noonsaram” Start-up Team Developer

Mar. 2021 – Apr. 2022

- Developers of a platform for measuring eye vision using AI.

## AWARDS & HONORS

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### RC Creative Platform

2nd Nov. 2018

### International Space Settlement Design Competition(NASA)

An Asian Representative Sep. 2015

## REFERENCES

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**Prof. Seong Jae Hwang** (*PhD Advisor*)

Assistant Professor at Yonsei University, Seoul, S.Korea