

Taejin Jeong

Curriculum Vitae

starfortj@gmail.com | [linkedin.com/in/starfortj](https://www.linkedin.com/in/starfortj) | starfortj.github.io

RESEARCH INTERESTS

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

EDUCATION

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

[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

[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

RESEARCH EXPERIENCE

Mediwhale

Data Scientist Intern

May. 2025 – Present

Medical Imaging & Computer Vision Lab @ Yonsei University

Advisor: **Prof. Seong Jae Hwang**

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

Mar. 2024 – Present

Computer Vision Lab @ Yonsei University

Undergrad Research Intern

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

Jan. 2023 – Feb. 2024

ACADEMIC SERVICE

Conference (Workshop) Organizer

Conference Reviewer

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

SKILLS

Programming

- Fluent in Python, Deep Learning Frameworks (Pytorch, Pytorch Lightning, TensorFlow), Python Libraries (Diffusers, Hugging Face, MMCV, Scikit-Learn, etc), Shell Script, Git, L^AT_EX, IRAF
- Have foundation for C, C++

Languages

- Native speaker in Korean
- Fluent in English

TEACHING EXPERIENCE

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|---|-----------------------|
| Yonsei University | Mar. 2025 – Present |
| • Teaching Assistant: “Introduction to Deep Learning and Application” (Spring 2025) | |
| Yonsei University | Mar. 2024 – Jun. 2024 |
| • 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 | <i>2nd</i> Nov. 2018 |
| International Space Settlement Design Competition(NASA) | <i>An Asian Representative</i> Sep. 2015 |

REFERENCES

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|---|--|
| Prof. Seong Jae Hwang (<i>PhD Advisor</i>) | Assistant Professor at Yonsei University, Seoul, S.Korea |
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