

Seonmi Park

AI Convergence, Gwangju Institute of Science and Technology (GIST) | Republic of Korea
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RESEARCH INTEREST

- **Robotic Calligraphy and Handwriting Generation**
- **Image and Video Generative Model: Diffusion Model, Autoregressive Model**
- **Visualized Text: Typography, Kinetic Typography and Font Generation**

INTERNATIONAL CONFERENCE

Seonmi Park, Seunghyun Shin, Vihaan Misra, Dongmin Shin, Ukcheol Shin, Jean Oh and Hae-Gon Jeon, “Bridging Online and Offline Handwriting via Differentiable Physical Rendering”, *European Conference on Computer Vision (ECCV)*, Sep 2026.

Seonmi Park, Inhwan Bae, Seunghyun Shin and Hae-Gon Jeon, “Kinetic Typography Diffusion Model”, *European Conference on Computer Vision (ECCV)*, Oct 2024.

INTERNATIONAL JOURNAL

Changyeon Won*, Hyunjun Jung*, Jungu Cho, **Seonmi Park**, Chi-Hoon Lee and Hae-Gon Jeon, “RehearsalNeRF: Decoupling Intrinsic Neural Fields of Dynamic Illuminations for Scene Editing”, *International Journal of Computer Vision (IJCV)*, May 2026.

EDUCATION

2022 - present	Gwangju Institute of Science and Technology M.S/Ph.D. Integrated Program (Ph.D.) in Artificial Intelligence Graduate School Advisor: Prof. Hae-Gon Jeon	Gwangju, Korea
2016 - 2022	Gwangju Institute of Science and Technology B.S. in Electrical Engineering and Computer Science B.S. Minor in Physics and Photon Science	Gwangju, Korea
2017 Summer	University of California, Berkeley Exchange Student, Summer Session	UC Berkeley, CA

RESEARCH EXPERIENCE

Jun 2026 - Present	Lavoro AI Research Collaborator	Seoul, Korea
Sep 2024 - Feb 2025	Carnegie Mellon University Research Intern, roBot Intelligence Group(BIG Lab.) in Robotics Institute Advisor: Prof. Jean Oh	Pittsburgh, PA
Mar 2022 - Dec 2022	Gwangju Institute of Science and Technology Research Intern, Visual AI Lab in GIST AI Graduate School Advisor: Prof. Hae-Gon Jeon	Gwangju, Korea

ADDITIONAL INFORMATION

2016 - present	Government Sponsored Student
2024	GIST Graduate International Research Experience Fellowship (GIST-IREF)

2022 Spring Teaching Assistant, GIST, Signal and System

Gwangju, Korea

2020 Summer Jtomorrowone Co., Start-Up Internship

Gwangju, Korea

TECHNICAL SKILLS

- Programming Language: Python, C++, C
- Deep Learning Framework: Pytorch; diffusion models; autoregressive models
- Robotics: xArm, Franka
- Tools: LaTeX , After Effects, Premiere Pro
- Language: Korean(fluent), English(proficient)