

Pierre Musacchio

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ABOUT ME

I am a French Ph.D. student in the department of Computer Science and Engineering at [Seoul National University](#), where I am a member of the [VGI Lab](#). I previously was a member of [CV Lab](#) at [POSTECH](#).

My research focuses on instance-wise understanding. More generally, I'm interested in all kind of fundamental challenges in computer vision and eager to collaborate with other researchers.

EXTERNAL COLLABORATIONS

Google DeepMind

Jan. 2025 - Present

Collaborating with Dr. [Dahun Kim](#) on vision-language model (VLM) research.

INCIA, CNRS

May 2021 - July 2021

Worked with Dr. [Laurent Demany](#) to find links between motor functions and auditory perception.

EDUCATION

2023 - Present M.S. and Ph.D., CSE, [Seoul Nat. University](#), Korea.

2022 - 2023 M.S., CSE, [POSTECH](#), Korea [Aborted due to Seoul Nat. University transfer].

2019 - 2022 Diplôme d'ingénieur, Software Engineer, [ENSC](#), France. (GPA: 4.0/4.0)

AWARDS & SCHOLARSHIPS

Feb. 2025 Outstanding poster award (IPIU)

Fall 2024 Best presenter award (VGI Lab)

Fall 2024 Best teaching assistant award (class: Generative AI, M1522.007500, taught at SNU)

Spring 2024 Best presenter award (VGI Lab)

Spring 2024 Excellence scholarship award (SNU)

Fall 2023 Excellence scholarship award (SNU)

PUBLICATIONS

Musacchio, P., Lee, H., and Park, J. (2025). "Holistic Order Prediction in Natural Scenes". In: *The Thirty-ninth Annual Conference on Neural Information Processing Systems*.

Lee, I.-J., Kim, M., Ryu, K., **Musacchio, P.**, and Park, J. (2025). "OpenBox: Annotate Any Bounding Boxes in 3D". In: *The Thirty-ninth Annual Conference on Neural Information Processing Systems*. [Spotlight].

INVITED TALKS

March 2025 *Visual geometry for vision-language models*, at [Kyung Hee University](#).

MENTORING

I had the pleasure of teaching and working with talented interns:

July 2025 - Present Jeong Jaeyi, now at [EPFL](#).

June 2024 - Aug. 2024 Adam Roberge, now at [Univ. of Toronto](#) & [Tenstorrent](#).