

Jisoo Park

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Education

Chung-Ang University <i>Ph.D Student in Artificial Intelligence</i>	<i>Seoul, Korea</i> <i>Feb 2025 – Present</i>
◦ Advisor: Prof. Junseok Kwon	
<i>M.S in Artificial Intelligence</i>	<i>Mar 2023 – Feb 2025</i>
◦ Thesis: Audio-Visual Wasserstein Autoencoder for Comprehensive Speech Enhancement	
◦ Advisor: Prof. Junseok Kwon	
<i>B.S in Computer Science and Engineering</i>	<i>Mar 2018 – Feb 2023</i>
◦ GPA: 3.9/4.5(CUM LAUDE Graduate)	
Stony Brook University <i>Exchange Student in Computer Science</i>	<i>New York, USA</i> <i>Aug 2019 – May 2020</i>

Industrial Experience

Korea Electronics Technology Institute(KETI) <i>Research Intern</i>	<i>Seongnam, Korea</i> <i>Dec 2024 – March 2025</i>
◦ Intelligent Image Processing Research Center	
◦ Generalized deepfake detection	
PeopleSpace Inc. <i>Internship</i>	<i>California, USA</i> <i>Jan 2021 – Feb 2021</i>
◦ Worked as AI engineer	
◦ Developed stock predicting model	

Research Experience

University of Birmingham <i>Visiting Researcher</i>	<i>Birmingham, UK</i> <i>Sep 2025 – Nov 2025</i>
◦ NEURECA(Neural Representations & Computational Architecture of Multi-modal Communication across Lifespan) Group	
◦ Work on context aware EEG-to-speech decoding, advised by Prof. Hyojin Park	
University of Toronto <i>Visiting Scholar</i>	<i>Toronto, Canada</i> <i>Jan 2024 – Jun 2024</i>
◦ Awarded a fellowship by the Ministry of Science and ICT, Korea	
◦ Graduate school of Mechanical & Industrial Engineering	
Chung-Ang University <i>Undergraduate Researcher</i>	<i>Seoul, Korea</i> <i>June 2020 – Feb 2023</i>
◦ Computer Vision & Machine Learning Lab	
◦ Advised by Prof. Junseok Kwon	

Research

(* denotes equal contributions)

- Seonghak Lee*, **Jisoo Park*** and Junseok Kwon. “WildTalker ∞ : Pushing the Limits of 3D Talking Portrait Synthesis in Unconstrained Environments.” *IEEE Transactions on Audio, Speech and Language Processing (T-ASLP)*, 2026.

- **Jisoo Park***, Seonghak Lee*, Guisik Kim, Taewoo Kim and Junseok Kwon. “Lightweight Wasserstein Audio-Visual Model for Unified Speech Enhancement and Separation.” *IEEE Automatic Speech Recognition and Understanding Workshop(ASRU)*, 2025.
- Jinhee Park, **Jisoo Park**, Dagyeong Na and Junseok Kwon. “Deep Disentangled Metric Learning.” *The 39th Association for the Advancement of Artificial Intelligence(AAAI)*, 2025.
- **Jisoo Park***, Seonghak Lee*, Paul Hyunbin Cho*, Zongkai Xia and Loucif Hebbache. “Enhancing Sidewalk Maintenance through Accurate Joint Deflection Measurement.” *The 43rd International Conference on Consumer Electronics(ICCE)*, 2025.
- Seonghak Lee*, **Jisoo Park*** and Junseok Kwon. “WildTalker: Talking Portrait Synthesis in the Wild.” accepted for presentation in *The 18th European Conference on Computer Vision (ECCV)* Workshop on 3D Modeling, Reconstruction, and Generation in the Wild, 2024.
- Seonghak Lee*, **Jisoo Park*** and Junseok Kwon. “POTF: Prompt-based Object-centric Tensorial Field.” *The 15th International Conference on ICT Convergence (ICTC)*, 2024 (**Oral presentation**).
- Jisoo Kim, **Jisoo Park** and Junseok Kwon. “Automatic Stylized Plaid Check Pattern Try-on.” *The 12th International Conference on ICT Convergence (ICTC)*, 2024.