

# JINJU KIM

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## EDUCATION & AFFILIATION

**Now** Carnegie Mellon University  
 | Language Technologies Institute (LTI) Visiting Research  
 2025.09 Collab - Bhiksha Raj, Rita Singh

**Now** Sungkyunkwan University  
 | Electrical and Computer Engineering M.S Candidate  
 2024.02 Adviser - Jong Hwan Ko

2025.07 Carnegie Mellon University  
 | Software and Societal Systems Department (S3D) Visiting Research  
 2024.08 Collab - David R. Mortensen

2024.02 Sungkyunkwan University  
 | B.S. in Applied Artificial Intelligence & B.A. in Russian Language and Literature  
 2018.03 GPA : 4.08 (major 4.05 & 4.25) / 4.5 (**magna cum laude**)

## PUBLICATIONS

<sup>1</sup>: Equal contribution, \*: Corresponding author

### CONFERENCES

- C5 "Harnessing Linguistic Dissimilarity for Language Generalization on Unseen Low-Resource Varieties"  
**Jinju Kim**, Haeji Jung, Youjeong Roh, Jong Hwan Ko\*, and David R. Mortensen\*  
*AAAI LM4UC Workshop (Oral)*, 2026. [[Paper](#)]
- C4 "Happiness is Sharing a Vocabulary: A Study of Transliteration Methods"  
 Haeji Jung, **Jinju Kim**, Kyungjin Kim, Youjeong Roh, and David R. Mortensen\*  
*The 19th Conference of the European Chapter of the Association for Computational Linguistics*, 2026. [[Paper](#)]
- C3 "No Encore: Unlearning as Opt-Out in Music Generation"  
**Jinju Kim**, Taehan Kim, Abdul Waheed, Jong Hwan Ko, and Rita Singh\*  
*NeurIPS AI4Music Workshop*, 2025. [[Paper](#)]
- C2 "Do Not Mimic My Voice : Speaker Identity Unlearning for Zero-Shot Text-to-Speech"  
**Jinju Kim**<sup>1</sup>, Taesoo Kim<sup>1</sup>, Dong Chan Kim, Jong Hwan Ko\*, and Gyeong-Moon Park\*  
*International Conference on Machine Learning (ICML)*, 2025. [[Paper](#) | [Code](#) | [Project](#)]
- C1 "Domain-Specific Multilingual Strategies for Medical NLP: A Cross-Lingual Analysis of Orthographic and Phonemic Representations"  
 Kyungjin Kim, **Jinju Kim**, Haeji Jung, David R. Mortensen, and Jongmo Seo\*  
*IEEE Engineering in Medicine and Biology Society (EMBC)*, 2025. [[Paper](#)]

### UNDER REVIEW / TO BE SUMITTED

- Co "Foundation of Music Unlearning: A Multi-Perspective Benchmark for Responsible Music Generation"  
**Jinju Kim**, Rita Singh, Bhiksha Raj\*  
*To be Submitted at Neural Information Processing Systems (NeurIPS)*, 2026.]
- C-1 "Continual and Sustainable Speaker Identity Unlearning"  
**Jinju Kim**, Yunsung Kang, Jong Hwan Ko, and Gyeong-Moon Park  
*To be Submitted at International Conference on Machine Learning (ICML)*, 2026.]
- C-2 "Region-of-Interest Masking for Efficient Audio Coding for Machine"  
**Jinju Kim**, Seungho Kwon, Jong Hwan Ko  
*To be Submitted at Interspeech*, 2026.]

### PRESS & INVITED TALKS

- P6 Talk at **UCLA Computational Machine Learning Lab** @ University of California Los Angeles, "Unlearning for Trustworthy Generative AI," ]
- P5 Talk at **BigML Research Group** @ University of California Los Angeles, "Unlearning for Trustworthy Generative AI," ]

- P<sub>4</sub>* Talk at Computational Linguistics Seminar @ University of Texas Austin, "Harnessing Linguistic Dissimilarity for Language Generalization," ]
- P<sub>3</sub>* Communications of the ACM, "to be published, unlearning," [Article]
- P<sub>2</sub>* MIT Technology Review, "AI text-to-speech programs could "unlearn" how to imitate certain people," [Article]
- P<sub>1</sub>* Talk at MLSP Group @ Carnegie Mellon University, "Speaker Identity Unlearning for Zero-Shot Text-to-Speech," ]

## HONORS & AWARDS

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- A<sub>12</sub>* **Long-Term Overseas Visiting Research (11K USD)** – Korean Gov. BK21 & Sungkyunkwan University (2025)
- A<sub>11</sub>* **AI Intensive Program at Carnegie Mellon University (42K USD)** – Korean Gov. IITP & Sogang University (2024)
- A<sub>10</sub>* **Sungkyun Honorable Scholarship (24K USD)** – Sungkyunkwan University (2024-2025)
- A<sub>9</sub>* **BK Fellowship (4.2K USD)** – Sungkyunkwan University (2023)
- A<sub>8</sub>* **Magna Cum Laude** – Sungkyunkwan University (2023)
- A<sub>7</sub>* **BK Junior Scholarship for Electrical and Computer Engineering Dept.** – Sungkyunkwan University (2023)
- A<sub>6</sub>* **Student Success Scholarship (2.5K USD)** – Sungkyunkwan University (2023)
- A<sub>5</sub>* **Academic Excellence Scholarship** – Sungkyunkwan University (2023)
- A<sub>4</sub>* **Excellence Award, Amondz New PB&PL Positioning Strategy Proposal** – Amondz startup (2021)
- A<sub>3</sub>* **Student Success Scholarship** – Sungkyunkwan University (2020)
- A<sub>2</sub>* **Grand Award (1<sup>st</sup>), Spoon User Acquisition Business Strategy Proposal** – Spoonlabs (2020)
- A<sub>1</sub>* **Grand Award (1<sup>st</sup>), E-Land Interactive Curation Service Proposal** – The E-Land Group (2020)

## INTELLECTUAL PROPERTIES

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### PATENTS

- P<sub>2</sub>* **Jinju Kim, Seungho Kwon, Jong Hwan Ko, and 5 others (ETRI)**, KR Patent Application, Saliency-Based Importance Filtering Method and Apparatus for Loss Minimization in Machine-Oriented Audio Coding, Dec. 2025.
- P<sub>1</sub>* **Jinju Kim, Dong Chan Kim, Gyeong-Moon Park, and Jong Hwan Ko**, KR Patent Application, Unlearning-based Method and Apparatus for Preventing Voice Cloning of Specific Speakers in a Speech Synthesis System, Dec. 2025.

## PROFESSIONAL SERVICES

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### PAPER REVIEWS

- Neural Information Processing Systems (NeurIPS) AI4Music Workshop (2025)

### DEPARTMENTAL AND UNIVERSITY SERVICE

- SKKU Tutor for 'Deep Learning Foundations and Image Processing' (2022)

## TEACHING EXPERIENCE

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- 2025* **Logic Circuits (teaching assistant)**  
| Sungkyunkwan University, Suwon, Korea
- 2024* • Project-based course for post-graduate students  
• Organized lab sessions involving big data and social network analysis  
Instructed by Prof. Jongwook Jeon
- 2022* **Deep Learning 1: Foundations and Image Processing (teaching assistant)**  
Sungkyunkwan University, Seoul, Korea  
• Theory and Project course for 4th year undergraduate students in English  
• Organized lab sessions to practice media production techniques  
Instructed by Prof. Gaya Nadarajan
- 2022* **Artificial Intelligence (teaching assistant)**  
Sungkyunkwan University, Seoul, Korea

- Undergraduate-level course for exchange students in English
  - Guided and assisted undergraduate students through the lab sessions
- Instructed by Prof. Gaya Nadarajan