

Kyungbok Lee

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EDUCATION

University of Rochester

Bachelor of Science in Computer Science; GPA: 3.95/4.00

Rochester, NY

Aug 2019 – May 2025

PUBLICATIONS

What Variables Affect Out-Of-Distribution Generalization in Pretrained Models?

Md Yousuf Harun, Kyungbok Lee*, Jhair Gallardo, Giri Krishnan, Christopher Kanan*

Under review-Neurips 24

A Multi-Stream Framework with One-Class Learning for Audio-Visual Deepfake Detection

Kyungbok Lee, You Zhang, Zhiyao Duan

MMSP24

RESEARCH EXPERIENCE

KLab - University of Rochester

Research Assistant under Prof. Christopher Kanan

Rochester, NY

Aug 2023 - Present

- Conducting a lot of coding and testing to investigate the tunnel effect hypothesis in deep neural networks, particularly emphasizing the differences in behavior when varying variables such as resolution and number of classes.

AIR Lab - University of Rochester

Research Assistant under Prof. Zhiyao Duan

Rochester, NY

Aug 2023 - Present

- Conducted research focusing on the development of robust audio-visual deep fake detection to unseen attacks.

WORK EXPERIENCE

Bio Research AI Co. Ltd.

AI Engineering Intern

South Korea

May 2023 - Sep 2023

- Developed a specialized algorithm for rehabilitation action detection and classification from camera feed.
- Explored various neural network architectures to identify the optimal algorithmic structure.

SKILLS

Languages:Python, Java, SQL, C

Technologies:PyTorch, Pandas, Spark, Sklearn