Kodai Kawamura

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EDUCATION

National University of Singapore, Singapore — August 2025 — Present
Doctor of Philosophy (Ph.D.) in Computer Science

Tokyo University of Science, Japan — April 2020 — March 2025
Bachelor of Engineering (B.E.) in Information and Computer Technology — GPA: 3.72/4.00

University of California, Davis, United States — April 2022 — March 2023
Global Study Program

RESEARCH EXPERIENCE

cvpaper.challenge — Ibaraki, Japan
Research Member, Mentor: Dr. Hirokatsu Kataoka — June 2024 — August 2025

- Led a project on Approximate Domain Unlearning, which requires reducing recognition accuracy for specified domains (e.g., "illustration") while preserving accuracy in the other domains (e.g., "real photograph").

Korea University — Seoul, South Korea
Research Internship, Advisor: Prof. Sangpil Kim — August 2024 — November 2024

- Contributed to a project on watermarking video diffusion models, which embeds watermarks into video diffusion models to establish model ownership.

Tokyo University of Science — Tokyo, Japan
Bachelor's Thesis Research, Advisor: Prof. Go Irie — June 2023 — May 2024

- Enhanced classification performance of a pre-trained Vision-Language Model using only a single unlabeled test sample.
- Conducted all of the experiments and wrote the entire paper, which was accepted at **the British Machine Vision Conference (BMVC) 2024**.
- Presented the work at **the Visual Geometry Group (VGG), University of Oxford**.

PUBLICATIONS

- Minhyuk Jang, Youngdong Jang, Jaehyeok Lee, **Kodai Kawamura**, Feng Yang, Sangpil Kim. LVMark: Robust Watermark for Latent Video Diffusion Models. **Preprint**
- **Kodai Kawamura**, Shunya Yamagami, Go Irie. Region-based Entropy Separation for One-shot Test-Time Adaptation. **The 35th British Machine Vision Conference (BMVC 2024)**

AWARDS

- **Dean's Award** — Tokyo, Japan
  Tokyo University of Science — March 2023
- **Outstanding Student Award** — Tokyo, Japan
  Tokyo University of Science — March 2025

INVITED TALKS

- Region-based Entropy Separation for One-shot Test-Time Adaptation
  Visual Geometry Group (VGG), University of Oxford

TEACHING

- Teaching Assistant, JPN 111 — University of California, Davis (Winter 2023)