

# Kodai Kawamura

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## EDUCATION

- **National University of Singapore** August 2025 - Present  
*Doctor of Philosophy (Ph.D.) in Computer Science* Singapore
- **Tokyo University of Science** April 2020 - March 2025  
*Bachelor of Engineering (B.E.) in Information and Computer Technology* Tokyo, Japan
- **University of California, Davis** April 2022 - March 2023  
*Global Study Program* CA, United States

## EXPERIENCE

- **cvpaper.challenge** June 2024 - August 2025  
*Research Member, Mentor: Dr. Hirokatsu Kataoka* Ibaraki, Japan
  - Led a project on Approximate Domain Unlearning (ADU), a new task for selectively removing domain-specific knowledge from pre-trained vision-language models
- **Korea University** August 2024 - November 2024  
*Research Internship, Advisor: Prof. Sangpil Kim* Seoul, South Korea
  - Contributed to a project on watermarking video diffusion models, which embeds watermarks into video diffusion models to establish model ownership.
- **Tokyo University of Science** June 2023 - May 2024  
*Bachelor's Thesis Research, Advisor: Prof. Go Irie* Tokyo, Japan
  - 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

C=CONFERENCE, J=JOURNAL, S=IN SUBMISSION

- [S.1] **Kodai Kawamura**, Yuta Goto, Rintaro Yanagi, Hirokatsu Kataoka, Go Irie. **Approximate Domain Unlearning for Vision-Language Models**. *Under review*.
- [C.1] **Kodai Kawamura**, Shunya Yamagami, Go Irie. **Region-based Entropy Separation for One-shot Test-Time Adaptation**. *The 35th British Machine Vision Conference (BMVC 2024)*.

## HONORS AND AWARDS

- **Excellent Paper Award** May 2025  
*Computer Vision and Image Media / Pattern Recognition and Media Understanding*
  - Given as an Excellence Award at a conference in Japan.
- **Outstanding Student Award** March 2025  
*Tokyo University of Science*
- **Dean's Award** March 2023  
*Tokyo University of Science*
  - Top 5 in GPA within the department (3rd out of 105 students).

## INVITED TALKS

- **Region-based Entropy Separation for One-shot Test-Time Adaptation** November 2024  
*Visual Geometry Group (VGG), University of Oxford*
  - Given as an Excellence Award at a conference in Japan.

## TEACHING

- **Teaching Assistant** Winter 2023  
*JPN 111 at University of California, Davis*
  - Given as an Excellence Award at a conference in Japan.