

# Ryan C. Ramos

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## Education

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**Osaka University** 2024 - present  
*PhD Computer Science, MEXT Scholarship*

**Ateneo de Manila University** 2022 – 2023  
*MS Computer Science, Director's List Scholarship*

**Ateneo de Manila University** 2018 – 2022  
*BS Computer Science, Magna Cum Laude, Director's List Scholarship*

## Research Experience

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**Research Student** October 2023 - March 2024  
*Intelligence and Sensing Lab., Osaka University*

- Conducted research on bias transfer onto downstream tasks with CLIP backbones

**Research Intern** January 2022  
*Optical Media Interface Laboratory, Nara Institute of Science and Technology*

- Conducted experiments on leveraging diffusion models for image dehazing

**Research Intern** Jul 2021 – August 2021  
*Ateneo Laboratory for Intelligent Visual Environment, Ateneo de Manila University*

- Conducted research on leveraging part-whole hierarchy based computer vision architectures for face mask usage in a COVID-19 context

## Publications

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Ramos, R., Alampay, R., & Abu, P. (2023). Exploring Text-Guided Synthetic Distribution Shifts for Robust Image Classification. *In Progress on Pattern Classification, Image Processing and Communications - Proceedings of the CORES and IP&C Conferences 2023.*

## Research Interests

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Model robustness to distribution shifts, causal representation learning, vision-language tasks

## Skills

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Experienced in Python, PyTorch, HuggingFace, PyTorch Lightning, NumPy, pandas, Matplotlib, Weights & Biases