

RYAN SUNGMO KWON

RESEARCH INTERESTS	My research interests focus on the abstention behaviors of large language models (LLMs) and vision-language models (VLMs). I study how these models handle ambiguity, with an emphasis on reducing hallucinations by enabling models to reliably recognize when they should abstain from making predictions or generating responses. My work aims to develop methods that improve model performance in high-stakes real-world settings by leveraging low-stakes environments to learn and calibrate abstention behaviors under uncertainty.	
EDUCATION	University of Michigan B.S., <i>Computer Science and Engineering</i> - GPA: 3.7/4.0 2 years of absence for obligatory military service	Ann Arbor, MI Aug. 2023 - May. 2028*
	University of California - Santa Barbara B.S., <i>Statistics and Data Science (Transferred)</i> GPA: 3.96/4.0	Goleta, CA Aug. 2022 - May. 2023
PUBLICATIONS	ScreenTutor: Learning Computer-Use Agents from Unlabeled Tutorial Videos Pending Submission <i>Yeda Song, Ryan Sungmo Kwon, Ruijie Chen, Jaekyeom Kim, Lajanugen Logeswaran, Sungryull Sohn, Honglak Lee</i>	
	MET: Theory-Grounded and Culture-Aware Multilingual Moral Reasoning COLM, 2026, [link] <i>Ayoung Lee, Ryan Sungmo Kwon, Yunxiang Zhang, Yuxuan Liu, Peter Railton, Lu Wang</i>	
	CLASH: Evaluating Language Models on Judging High-Stakes Dilemmas from Multiple Perspectives ICLR, 2026, [link] <i>Ayoung Lee, Ryan Sungmo Kwon, Peter Railton, Lu Wang</i>	
	Representation Bending for Large Language Model Safety ACL, 2025, [link] <i>Ashkan Yousefpour*, Taeheon Kim*, Ryan S. Kwon, Seungbeen Lee, Wonje Jeung, Seungju Han, Alvin Wan, Harrison Ngan, Youngjae Yu, Jonghyun Choi</i>	
EXPERIENCE	DeepLearn Lab Ann Arbor, MI Advisor: Prof. Honglak Lee	Jun. 2025 - <i>present</i>
	LAUNCH Lab Ann Arbor, MI Advisor: Prof. Lu Wang	Feb. 2025 - <i>present</i>
	MIRLAB @ Yonsei University Seoul, South Korea Advisor: Prof. Youngjae Yu	Jun. 2024 - Sep. 2024
	SOCR Ann Arbor, MI Advisor: Prof. Ivo Dinov	Jan. 2024 - Jun. 2025
AWARDS AND HONORS	University Honors Designation Ann Arbor, MI	Aug. 2023 - May. 2025

PROJECTS	Reordered Noise Processing in Super Resolution, [Link] <i>EECS 442 @ University of Michigan</i>	Oct. 2024 - Dec. 2024
	SOCR AI Bot, [Link] <i>advised by Prof. Ivo Dinov</i>	Jan. 2024 - Oct. 2024
TEACHING	Instructional Aide @ University of Michigan Ann Arbor, MI • EECS 497: Human-Centered Software Design and Development	Aug. 2025 - Dec. 2025
	Grader @ University of Michigan Ann Arbor, MI • EECS 445: Introduction to Machine Learning • EECS 442: Computer Vision	Aug. 2025 - May. 2026