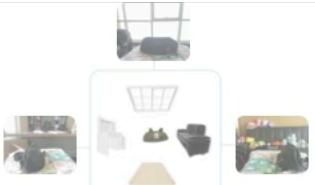


(1) Spatial Intelligence, Embodied Agents



World Model
(WorldAgen,
ENACT)



Think from
Limited Views
(MindCube)



Think with
Constraints
(LayoutVLM)



Think with Dynamics
(4D - IKEA Manual,
HourVideo, T*)



Manling Li

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LLM Agents



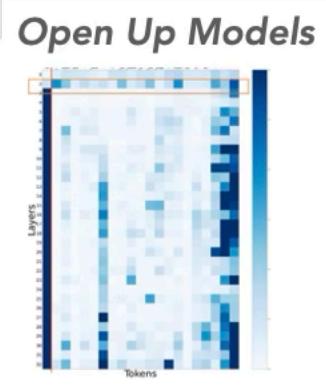
VLM Agents



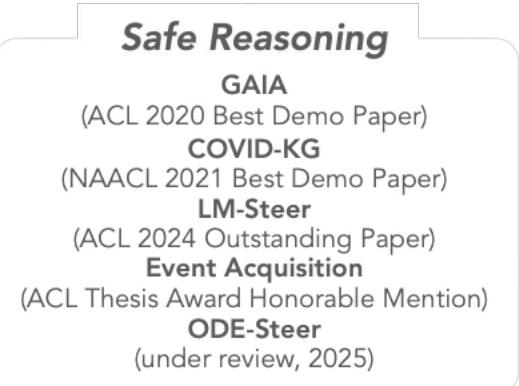
Embodied Agent Interface (2024)
ROSETTA (2025) ERA (2025)
EmbodiedBench (2025)

Embodied Agents

(3) Mech. Interpretability (4) Safety, Trustworthiness



Open Up Models



Safe Reasoning

GAIA
(ACL 2020 Best Demo Paper)
COVID-KG
(NAACL 2021 Best Demo Paper)
LM-Steer
(ACL 2024 Outstanding Paper)
Event Acquisition
(ACL Thesis Award Honorable Mention)
ODE-Steer
(under review, 2025)



Safe Planning / VLA

Guided by Barrier function
(under review, 2025)



Assistant Professor (2024.9-)

Northwestern University, Chicago



Postdoc (2024)

mainly work w/ Jiajun Wu and Fei-Fei Li



PhD (2023)

advisor: Heng Ji

Achievements in Our First Year

1. RAGEN: 2.4k+ Github Stars within months of release
 - **Best Poster Award** at Midwest ML Symposium 2025
 - Featured by MIT Tech Review, Lambda Partner Spotlight, Medium, AI News, VentureBeat, etc
 - Invited talks at Deepmind, GenAI Summit, AI Agent Summit at Berkeley, CrossFuture AI Summit, etc
2. **Outstanding Paper Award** at ACL 2024
3. **Oral** (top 0.36%) at NeurIPS 2025
4. **Oral** (top 1%) at ICML 2025
5. **Oral** (top 0.4%) at NeurIPS 2024
6. **Best Paper Award** at RSS 2025 CRLH workshop
7. **Best Paper Award** at ICCV 2025 SP4V workshop
8. **Best Paper Award (top 1%)** at SoCal NLP 2024
9. **Best of ICCV** by Voxel51
10. **ACL 2025 Dissertation Award Honorable Mention** (the only awardee in the graduation class of 2023)
11. **MIT Tech Review 35 under 35** Global
12. AAAI 2025 New Faculty Highlight
13. NSF CS4Grad PhD Fellowship: Anabella Isaro
14. Amazon Scholar