

リ インシュアン
李 映萱 (LI Yingxuan)

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Research Interests: Computer Vision, Vision-Language Models, Multi-modal Learning, Manga Understanding



Research & Industry
Experience

CyberAgent, Inc.

Machine Learning Engineer · AI Localization Center

Tokyo, Japan

2026.04 – Present

- Develop multimodal AI systems for manga understanding and localization.
- Design translation evaluation frameworks combining LLM-based evaluation with human review.
- Collaborate with researchers and engineers to bridge research prototypes and production systems.

CyberAgent, Inc.

Research Intern · AI Lab

Tokyo, Japan

2025.02 – 2026.01

- Conducted research on visual representation learning for structured image understanding.
- Designed a deep learning framework for region-wise correspondence prediction between manga line-art images.
- Published the resulting work at CVPR 2026.

Mantra Inc.

Research Intern

Tokyo, Japan

2023.06 – 2024.03

- Conducted research on multimodal reasoning and vision-language understanding.
- Developed a training-free method integrating visual, textual, and contextual information.
- Published the resulting work at ACM Multimedia 2024, where it was selected as an Oral paper.

Education

The University of Tokyo

Ph.D. in Information Science and Technology

Advisor: Prof. Yusuke Matsui

Tokyo, Japan

2023.04 – 2026.03

The University of Tokyo Tokyo, Japan
Master of Information Science and Technology 2021.04 – 2023.03
Advisor: Prof. Yusuke Matsui

Tianjin University Tianjin, China
Bachelor of Engineering, Communication Engineering 2016.09 – 2020.06
Advisor: Prof. Yan Xu

- Suzhou Yucai Scholarship, 2018.
- Tianjin People’s Government Scholarship, 2017.
- Merit Student of Tianjin University, 2017, 2018.
- Excellent Communist Youth League Cadres of Tianjin University, 2017, 2018.

Yokohama National University Kanagawa, Japan
Undergraduate Exchange Student 2019.04 – 2019.08
Advisor: Prof. Ryuji Kohno

Languages

Chinese (Native)
English (TOEFL iBT: 102/120)
Japanese (JLPT N1: 150/180)

International Conferences

Yingxuan Li, Jiafeng Mao, Qianru Qiu, and Yusuke Matsui. “Region-Wise Correspondence Prediction between Manga Line Art Images.” *IEEE/CVF Conference on Computer Vision and Pattern Recognition, (CVPR), 2026.*

Yingxuan Li, Jiafeng Mao, and Yusuke Matsui. “Noisy Label Refinement with Semantically Reliable Synthetic Images.” *IEEE International Conference on Image Processing, (ICIP), 2025.*

Yingxuan Li, Ryota Hinami, Kiyoharu Aizawa, and Yusuke Matsui. “Zero-Shot Character Identification and Speaker Prediction in Comics via Iterative Multi-modal Fusion.” *ACM International Conference on Multimedia, (ACMMM), Oral, 2024.*

Yingxuan Li, Kiyoharu Aizawa, and Yusuke Matsui. “Manga109Dialog: A Large-scale Dialogue Dataset for Comics Speaker Detection.” *IEEE International Conference on Multimedia and Expo, (ICME), Oral, 2024.*

Domestic Conferences

Yingxuan Li, Qianru Qiu, Jiafeng Mao, and Yusuke Matsui. “Region-Level Correspondence Prediction between Manga Line Art Images.” *画像の認識・理解シンポジウム (MIRU), 2025.*

Yingxuan Li, Jiafeng Mao, and Yusuke Matsui. “Noisy Label Refinement via Reference-Guided Synthetic Images.” 画像の認識・理解シンポジウム (MIRU), 2025.

李映萱, 日並遼太, 相澤清晴, 松井勇佑. “Iterative Multimodal Fusion を用いたゼロショットの漫画キャラクター識別と話者推定.” 言語処理若手シンポジウム (YANS), 2024.

Yingxuan Li, Ryota Hinami, Kiyoharu Aizawa, and Yusuke Matsui. “Zero-Shot Character Identification and Speaker Prediction in Comics via Iterative Multimodal Fusion.” 画像の認識・理解シンポジウム (MIRU), 2024.

李映萱, 相澤清晴, 松井勇佑. “Manga109Dialog : 漫画話者推定のための大規模な対話データセット.” コミック工学研究会, 2023.

Yingxuan Li, Kiyoharu Aizawa, Yusuke Matsui. “Comic Speaker Detection and Estimation using Scene Graph.” パターン認識・メディア理解研究会 (PRMU), 2023.

Yingxuan Li, Yusuke Matsui. “Speaker Detection of Comics using Scene Graph.” 画像の認識・理解シンポジウム (MIRU), 2022.

Invited Talks

李映萱. “大規模言語モデルとマルチモーダルデータの融合による漫画セリフの話者同定” コミック工学シンポジウム 2024. 2024.11

Yingxuan Li. “Manga109Dialog: A Large-scale Dialogue Dataset for Comics Speaker Detection.” HUAWEI TOKYO RESEARCH CENTER Discussion Dinner in MIRU 2023. 2023.07