

Issa Sugiura

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PhD Student at Institute of Science Tokyo

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🔬 RESEARCH INTERESTS

Focus on **Vision-Language Models (VLMs)** and **Benchmarks**. For VLMs, work spans the full pipeline—large-scale dataset construction, benchmarking, and model training—with an emphasis on Japanese. For benchmarks, the focus is on evaluating LLM agents.

🎓 EDUCATION

Apr 2026 – Mar 2029	Doctor of Engineering <i>Course of Artificial Intelligence, Dept. of Computer Science, School of Computing (Expected)</i>	Institute of Science Tokyo
Apr 2024 – Mar 2026	Master of Informatics <i>Course of Communications and Computer Engineering, Graduate School of Informatics</i>	Kyoto University
Apr 2020 – Mar 2024	Bachelor of Engineering <i>Software Science Course, Dept. of Information and Computer Sciences, School of Engineering Science GPA 3.57/4.00</i>	Osaka University

📁 EXPERIENCE

Apr 2026 – present	Research Assistant Research on Vision-Language Models	Institute of Science Tokyo
Dec 2024 – present	Student Intern Research on benchmarking LLM agents in the financial domain	Sakana AI
Apr 2024 – present	Research Assistant Research on training and evaluation of Japanese multimodal models	NII / LLM-jp
Feb 2024 – Apr 2024	Student Intern Research on memorization in large language models	LLM-jp, NII
Mar 2022 – Apr 2024	Technical Assistant Software development for quantum computation and quantum chemistry research	QIQB, Osaka University

📖 PUBLICATIONS

International Conference

EDINET-Bench: Evaluating LLMs on Complex Financial Tasks using Japanese Financial Statements

I. Sugiura, T. Ishida, T. Makino, C. Tazuke, T. Nakagawa, K. Nakago, D. Ha
ICLR 2026 | 📄 Paper 🗃 Dataset 🚀 Code

Developing Japanese CLIP Models Leveraging an Open-weight LLM for Large-scale Dataset Translation

I. Sugiura, S. Kurita, Y. Oda, D. Kawahara, N. Okazaki
NAACL Student Research Workshop 2025 | 📄 Paper 🚀 Code

Constructing Multimodal Datasets from Scratch for Rapid Development of a Japanese Visual Language Model

K. Sasagawa, K. Maeda, I. Sugiura, S. Kurita, N. Okazaki, D. Kawahara
NAACL Demo Track 2025 | 📄 Paper

A Comprehensive Analysis of Memorization in Large Language Models

H. Kiyomaru*, I. Sugiura*, D. Kawahara, S. Kurohashi (*equal contribution)
INLG 2024 | 📄 Paper 🚀 Code

Journal

Removing Mislabeled Data from Trained Models via Machine Unlearning

I. Sugiura, S. Okamura, N. Yanai

Preprints

HakushoBench: A Japanese Chart and Table VQA Benchmark from Governmental White Papers

I. Sugiura, S. Kurita, Y. Oda, N. Okazaki

arXiv:2606.01132, Jun 2026 |  Paper  Dataset  Code

Jagle: Building a Large-Scale Japanese Multimodal Post-Training Dataset for VLMs

I. Sugiura, K. Sasagawa, K. Nakao, K. Maeda, Z. Yin, Z. Yang, S. Kurita, Y. Oda, R. Tokuhisa, D. Kawahara, N. Okazaki

arXiv:2604.02048, Apr 2026 |  Paper  Dataset  Code

JAMMEval: A Refined Collection of Japanese Benchmarks for Reliable VLM Evaluation

I. Sugiura, K. Maeda, S. Kurita, Y. Oda, D. Kawahara, N. Okazaki

arXiv:2604.00909, Apr 2026 |  Paper  Dataset  Code

WAON: Large-Scale and High-Quality Japanese Image-Text Pair Dataset for VLMs

I. Sugiura, S. Kurita, Y. Oda, D. Kawahara, Y. Okabe, N. Okazaki

arXiv:2510.22276, Oct 2025 |  Paper  Dataset  Code

Llama-Mimi: Speech Language Models with Interleaved Semantic and Acoustic Tokens

I. Sugiura, S. Kurita, Y. Oda, R. Higashinaka

arXiv:2509.14882, Sep 2025 |  Paper  Model  Code


llm-jp-modernbert: A ModernBERT Model Trained on a Large-Scale Japanese Corpus with Long Context Length

I. Sugiura, K. Nakayama, Y. Oda

arXiv:2504.15544, Apr 2025 |  Paper  Model  Code

LLM-jp: A Cross-organizational Project for the Research and Development of Fully Open Japanese LLMs

LLM-jp (incl. I. Sugiura; 80 authors, alphabetical order)

arXiv:2407.03963, Jul 2024 |  Paper

 **AWARDS & HONORS**

 **Best Paper Award** (3/789, top 0.4%) NLP2026, Mar 2026


Llama-Mimi: Speech Language Models with Interleaved Semantic and Acoustic Tokens

 **Special Committee Award** (32/748, top 4.3%) NLP2026, Mar 2026

WAON: Large-Scale and High-Quality Japanese Image-Text Pair Dataset for VLMs

 **Special Committee Award** (32/726, top 4.4%) NLP2025, Mar 2025

LLM-jp-3 VILA: Building a Japanese Multimodal Dataset and a Strong Japanese Multimodal Model

 **LINE Yahoo Sponsor Award** (1/420, top 0.24%) DEIM2024, Feb 2024

Improving Generalization of Trained Models via Unlearning of Mislabeled Data

 **Student Presentation Award** DEIM2024, Feb 2024

Improving Generalization of Trained Models via Unlearning of Mislabeled Data

 **SKILLS**

Frameworks Python, PyTorch, Hugging Face Transformers

Languages Japanese (native), English — TOEIC L&R: 845 (L:420 + R:425, Oct 2025)