

# Ryokan Ri

Email: [ryou0634@gmail.com](mailto:ryou0634@gmail.com)

Phone: (+81) 90-9153-0634

## RESEARCH / WORK EXPERIENCE

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**LINE Corp.**

*as Research Engineer*

**Tokyo, Japan**

March 2023-present

- Working on developing large language models.

**Tsuruoka Lab, The University of Tokyo**

*as Master-Ph.D Student*

**Tokyo, Japan**

April 2018-March 2023

- Working on multilingual NLP.
- Involved in a machine translation project. Constructing resources and developing new models for JA-EN translation.

**Studio Ousia**

*as Research Intern*

**Tokyo, Japan**

April 2020-March 2023

- Working on entity-enhanced models and multilingual representation learning.

**IBM Research**

*as Research Intern*

**Dublin, Ireland (remote)**

July 2020 - October 2020

- Working on language navigation.

## SELECTED PUBLICATIONS

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### **Knowledge-enhanced NLP Model**

mLUKE: The Power of Entity Representations in Multilingual Pretrained Language Models. **Ryokan Ri**, Ikuya Yamada and Yoshimasa Tsuruoka. *ACL (long paper)*. 2022.

EASE: Entity-Aware Contrastive Learning of Sentence Embedding. Sosuke Nishikawa, **Ryokan Ri**, Ikuya Yamada, Yoshimasa Tsuruoka and Isao Echizen. *NAACL (long paper)*. 2022.

### **Multilingual NLP**

Pretraining with Artificial Language: Studying Transferable Knowledge in Language Models. **Ryokan Ri** and Yoshimasa Tsuruoka. *ACL (long paper)*. 2022.

Revisiting the Context Window for Cross-lingual Word Embeddings. **Ryokan Ri** and Yoshimasa Tsuruoka. *ACL (long paper)*. 2020.

(The full publication list is available at <https://ryou0634.github.io/>)

## AWARDS & HONORS

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### **Language Resource Award in NLP 2023.**

Given to the two best papers out of 579 papers submitted to a Japanese domestic conference.

### **Microsoft Research PhD Fellowship 2021 Nomination Award.**

Given to the top 20% of the applicants from top universities and institutes in Asia.

### **Language Resource Award in NLP 2021.**

Given to the best resource paper in a Japanese domestic conference.

## REVIEWING EXPERIENCE

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ACL 2023, EMNLP 2022, LREC 2022, Workshop on Multilingual Information Access (MIA) 2022