

# Taiga Someya

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## Current Position

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**Ph.D. Student** The University of Tokyo  
Department of Language and Information Sciences April 2024 – March 2027 (expected)

**Visiting Scholar** New York University (NYU)  
Center for Data Science (Host: Prof. Tal Linzen) November 2025 – May 2026

## Awards and Honors

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**Outstanding Achievement Award (Ha)** 2025

National Institute of Advanced Industrial Science and Technology (AIST) KAKUSEI Project  
Selected as one of three top performers among 30+ participants in the prestigious deep tech talent development program

**Best Paper Award** 2024

LREC-COLING 2024 International Conference  
Selected from 1,554 submissions (0.06%)

**MITOU IT Super Creator** 2024

Japan's Ministry of Economy, Trade and Industry  
One of approximately 20 creators selected annually from 200+ applicants nationwide for exceptional IT project development

**Committee Special Award** 2024, 2025

The Association for Natural Language Processing Annual Conference (Japan)  
Awarded for exceptional research contributions in Japanese NLP (received in consecutive years)

**Fujitsu Award** 2024

The Association for Natural Language Processing Annual Conference (Japan)  
Industry-sponsored award recognizing outstanding practical applications in NLP research

**Excellence Award** 2023

Sports Data Science Competition Soccer Division  
Second place in soccer analytics track, selected from 50+ participating teams

**Demo Day Award** 2023

The University of Tokyo Todai to Texas Program  
Selected for best entrepreneurial pitch among graduate student participants

**Student Incentive Award** 2023

Japan Society for Artificial Intelligence (JSAI) Annual Conference  
Awarded for innovative AI research presentation

## Research Positions

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**Visiting Scholar** New York University , United States  
Center for Data Science (Host: Prof. Tal Linzen) November 2025 – May 2026

**Research Visitor** ETH Zürich, Switzerland  
Department of Computer Science (Host: Prof. Ryan Cotterell) November 2024 – June 2025

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| <b>National Institute of Advanced Industrial Science and Technology (AIST)</b><br>Technical Staff | Tokyo, Japan<br>November 2022 – Present     |
| <b>Nagoya University</b><br>Research Assistant  | Nagoya, Japan<br>July 2024 – September 2024 |
| <b>The University of Tokyo</b><br>Research Staff  | Tokyo, Japan<br>April 2022 – June 2023      |

## Education

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| <b>The University of Tokyo</b><br>Ph.D. Student<br>Department of Language and Information Sciences<br>Advisor: Prof. Yohei Oseki             | Tokyo, Japan<br>April 2024 – March 2027 (expected) |
| <b>The University of Tokyo</b><br>M.S. in Arts and Sciences<br>Department of Language and Information Sciences<br>Advisor: Prof. Yohei Oseki | Tokyo, Japan<br>April 2022 – March 2024            |
| <b>The University of Tokyo</b><br>B.A. in Arts and Sciences<br>College of Arts and Sciences  | Tokyo, Japan<br>April 2018 – March 2022            |

## Publications

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### Refereed Conference Articles

1. **Taiga Someya**, Tatsuya Ishigaki, Hiroya Takamura. 2025. Live Football Commentary (LFC): A Large-Scale Dataset for Building Football Commentary Generation Models. *INLG 2025*.
2. **Taiga Someya**, Anej Svetec, Brian DuSell, Timothy J. O'Donnell, Mario Giulianelli, Ryan Cotterell. 2025. Information Locality as an Inductive Bias for Neural Language Models. *ACL 2025*. [**Oral + Panel; Top 0.8%**]
3. Ryo Yoshida, Shinnosuke Isono, Kohei Kajikawa, **Taiga Someya**, Yushi Sugimoto, Yohei Oseki. 2025. If Attention Serves as a Cognitive Model of Human Memory Retrieval, What is the Plausible Memory Representation? *ACL 2025*.
4. **Taiga Someya**, Ryo Yoshida, Hitomi Yanaka, Yohei Oseki. 2025. Derivational Probing: Unveiling the Layer-wise Construction of Syntactic Structures in Neural Language Models. *CoNLL 2025*.
5. Ryo Yoshida, **Taiga Someya**, Yohei Oseki. 2024. Tree-Planted Transformers: Unidirectional Transformer Language Models with Implicit Syntactic Supervision. *ACL 2024 Findings*.
6. **Taiga Someya**, Tatsuya Ishigaki, Yohei Oseki, Ryo Nagata, Hiroya Takamura. 2024. Leveraging Player Embeddings for Soccer Event Prediction. *IT4PSS Workshop at IJCAI 2024*.
7. **Taiga Someya**, Yushi Sugimoto, Yohei Oseki. 2024. JCoLA: Japanese Corpus of Linguistic Acceptability. *LREC-COLING 2024*.
8. **Taiga Someya**, Ryo Yoshida, Yohei Oseki. 2024. Targeted Syntactic Evaluations on the Chomsky Hierarchy. *LREC-COLING 2024*. [**Best Paper Award**]
9. **Taiga Someya**, Yohei Oseki. 2023. JBLiMP: Japanese Benchmark of Linguistic Minimal Pairs. *EACL 2023 Findings*.

### Refereed Conference Abstracts

1. Kenjiro Ide, **Taiga Someya**, Kohei Kawaguchi, Keisuke Fujii. 2024. Interpretable Low-Dimensional Modeling of Spatiotemporal Agent States for Decision Making in Football Tactics. *icSPORTS 2024*.

### Other Conference Presentations and Posters

1. **Taiga Someya**, Atom Scott, Keisuke Fujii, Hidehisa Akiyama, Tomoharu Nakashima, Hitomi Yanaka. 2024.

FootballGPT: Counterfactual Evaluation With a Foundation Model for Football. *Opta Forum*. [Poster]

## Grants and Fellowships

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| <b>ANRI Fellowship</b><br>Research Grant  | 2025–2026 |
| <b>Advanced AI Talent Development to Lead the Next-Generation Intelligent Society (BOOST NAIS)</b><br>Research Grant                          | 2024–2027 |
| <b>JSPS Research Fellowships for Young Scientists (DC2)</b><br>Research Grant (Declined due to acceptance of BOOST NAIS)                      | 2025–2027 |
| <b>Fostering Advanced Human Resources to Lead Green Transformation (SPRING GX)</b><br>Research Grant (Declined and transferred to BOOST NAIS) | 2024–2027 |
| <b>MITOU Program</b><br>Exploratory IT Human Resources Project  | 2023–2024 |
| <b>KAKUSEI Project Deep Tech Talent Development Program</b><br>National Institute of Advanced Industrial Science and Technology (AIST)        | 2023–2024 |

## Industry Experience

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| <b>ELYZA Inc.</b><br>AI Engineer (Intern)    | Tokyo, Japan<br>April 2021 – April 2024        |
| <b>Cookpad Inc.</b><br>R&D Engineer (Intern) | Tokyo, Japan<br>September 2022 – November 2022 |

## Teaching Experience

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| <b>Teaching Assistant</b><br><i>NLP Application</i> (Graduate School of Information Science and Technology)<br><i>Introduction to Linguistics</i> (Graduate School of Arts and Sciences) | The University of Tokyo<br>September 2024 – March 2025<br>April 2022 – September 2022 |
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## Reviewer

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- ACL Rolling Review. Reviewer. 2025–Present.
- Workshop on Cognitive Modeling and Computational Linguistics. Reviewer. 2025.
- International Joint Conference on Artificial Intelligence (IJCAI). Reviewer. 2024.
- International Natural Language Generation Conference (INLG). Reviewer. 2024.

## Programming Skills

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**Languages:** Python, JavaScript/TypeScript, C++, R