

Taiga Someya

✉ tsomeya@g.ecc.u-tokyo.ac.jp 🏠 agiats.me 🐙 github.com/agiats
🌐 linkedin.com/in/taiga-someya 🎓 Google Scholar

Current Position

Ph.D. Student

Department of Language and Information Sciences

The University of Tokyo
April 2024 – March 2027 (expected)

Visiting Scholar

Center for Data Science (Host: Prof. Tal Linzen)

New York University (NYU)
November 2025 – May 2026

Awards and Honors

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

Visiting Scholar

Center for Data Science (Host: Prof. Tal Linzen)

New York University, United States
November 2025 – May 2026

Research Visitor

Department of Computer Science (Host: Prof. Ryan Cotterell)

ETH Zürich, Switzerland
November 2024 – June 2025

National Institute of Advanced Industrial Science and Technology (AIST)
Technical Staff

Tokyo, Japan
November 2022 – Present

Nagoya University
Research Assistant

Nagoya, Japan
July 2024 – September 2024

The University of Tokyo
Research Staff

Tokyo, Japan
April 2022 – June 2023

Education

The University of Tokyo
Ph.D. Student
Department of Language and Information Sciences
Advisor: Prof. Yohei Oseki

Tokyo, Japan
April 2024 – March 2027 (expected)

The University of Tokyo
M.S. in Arts and Sciences
Department of Language and Information Sciences
Advisor: Prof. Yohei Oseki

Tokyo, Japan
April 2022 – March 2024

The University of Tokyo
B.A. in Arts and Sciences
College of Arts and Sciences

Tokyo, Japan
April 2018 – March 2022

Publications

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 Svete, 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

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

Industry Experience

ELYZA Inc. AI Engineer (Intern)	Tokyo, Japan April 2021 – April 2024
Cookpad Inc. R&D Engineer (Intern)	Tokyo, Japan September 2022 – November 2022

Teaching Experience

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

- 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

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