Shintaro Sakai

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Research Interests

AI Fairness, AI Ethics, Culture, Social Psychology, Computational Social Science, Natural Language Processing

The boilerplate content was inspired by Gayle McDowell.

Education

Indiana University Bloomington (Bloomington, US) — August 2024 – Present
- PhD - Informatics
- GPA: 4.0/4.0

Nagoya University (Naogya, Japan) — April 2021 – March 2024
- MS - Informatics
- GPA: 4.05/4.3

Nagoya University (Naogya, Japan) — April 2017 – March 2021
- BS - Informatics
- GPA: 3.91/4.3

Publications and Conferences

1. Kaisla Kajava, Ana Paula Gonzalez Torres, Antti Rannisto, Shintaro Sakai. Justifying AI and its Regulation: Examining Multi-Stakeholder Feedback on the AI Act. 2023. (Under peer review at AI and SOCIETY)

2. Shintaro Sakai, Akira Matsui. Quantifying Historical Change in Occupational Gender Stereotypes between 1900 and 1999 in Japan. 2023. (Preparing a manuscript)

3. Shintaro Sakai. Evaluating the impact of lexical gender bias on gender bias measurement with word embeddings. The New Directions in Analyzing Text as Data (TADA 2023). 2023. (Poster)

4. Shintaro Sakai, Yasuhiro Suzuki. Evaluating the Quality of Word Embedding Trained on Wikipedia Articles. The 9th International Conference on Computational Social Science (IC2S2 2023). 2023. (Poster)

5. Shintaro Sakai. Evaluating Semantic Changes in the Concept of Happiness with Diachronic Word Embeddings. The 9th International Conference on Computational Social Science (IC2S2 2023). 2023. (Poster)

6. Shintaro Sakai, Yasuhiro Suzuki. Evaluation of Gender Bias in Japanese Word Embedding Model. The 37th Annual Conference of the Japanese Society for Artificial Intelligence (JSAI 2023). 2023.

7. Shintaro Sakai. Evaluation of Occupational Gender Bias in Japanese Word Embedding. The 2nd Annual Meeting of the Japanese Society for Computational Social Science. 2023.

Research and Work Experience

Research Intern, Aalto University (Espoo, Finland) — May 2022 – July 2022
- Aalto Science Institute AScI internship programme
- Advisor: Nitin Sawhney, Group: CRAI-CIS research group
- I analyzed feedback from various stakeholders on the AI Act proposal with Natural Language Processing.

Awards and Honors

Fall 2024 Luddy Doctoral Associate Instructor (AI) Fellowship, Indiana University Bloomington (Bloomington, US) — August 2024
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The Cornell, Maryland, Max Planck Pre-doctoral Research School 2022, Max Planck Institute for Software Systems (Saarbrucken, Germany)   August 2022

- I was chosen as one of the participants. I attended lectures on cutting-edge computer science research and interacted with inspiring faculties and peers.

Languages

- English: IELTS Overall Band Score 7.5 (Listening 7.5, Reading 8.5, Writing 7.0, Speaking 6.5)
- German: Beginner Level (I took German coursers when I was an undergraduate student)
- Japanese: Native Level