

Maho Takahashi

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Education

Ph.D. Linguistics, University of California, San Diego 2024 (expected)
Specialization in Computational Social Science

M.A. Linguistics, University of Hawai'i at Mānoa 2017
Capstone Project: Intransitive Sentences with Floating Quantifiers in Child Japanese

B.A. International Liberal Studies, Waseda University 2015
Thesis: Japanese Sluicing with NPI as Remnant and Verb Restructuring

Experience

Director of Data Science 2023 - present
FindingFive

- Oversee the projects to extract insights from data about behavioral research hosted on the FindingFive platform, and visualize and communicate the findings for improving user experience on the platform.

Graduate Student Researcher 2019 - present
University of California, San Diego

- Direct behavioral and computational research projects to understand how grammatical rules in English and Japanese differ and how they are learned by humans and large language models.
- Supervise research assistants for data collection, statistical analysis, and data visualization.

Linguistic Engineer Intern 2022
Meta

- Assessed the performance of Facebook's voice assistant by analyzing live traffic data and identified linguistic (ASR, NLU) and system-level features that correlate with task success.
- Identified quality issues of language data used for training the voice assistant model.

Artificial Intelligence Intern 2021
Onplanetz

- Managed the development of a speech-to-text product that converts audio files to written records.
- Provided the clients with digital transformation consultation by researching and summarizing state-of-the-art machine learning algorithms.

Skills

Data Manipulation	Data Visualization	Statistics & ML	Languages
R::tidyverse ★★★★★	R::ggplot2 ★★★★★	R::lme4, brms ★★★★★	Japanese ★★★★★
Python pandas ★★★	R::shiny ★★★	Python scipy ★★★	English ★★★★★
SQL ★★★	Python Matplotlib ★★★	PyTorch ★★★	
MongoDB ★★★★★			