

# Maho Takahashi

mtakahas@ucsd.edu



## 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 (LLMs).
- 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 ★★★★★			