

# **Hanwen (Vivian) Zhang**

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## **Education**

Cornell University

Ph.D(starting Fall 2019), Psychology

University of California, San Diego

B.S. (2018), Cognitive Science, Machine Learning (Honors)

## **Related Coursework**

Learning, Memory and Attention

Distributed Cognition

Data Science in Practice

Foundation: Comp Model of Cognition

Introduction to Probability

Language

Intro to Research Methods

AI Algorithm & Social Language

Intro Programming MATLAB

Linear Algebra

## **Skills/ Qualifications**

Independent research skills through Honors Thesis project and Research Coordinator position.

Data analysis and visualization skills in R, Matlab and SPSS.

Communication and cultural awareness through internship at Outreach Coordinators at UCSD

Demonstrated experience with teamwork as a chair in student associations

## **Experience**

**Research Coordinator in Language and Cognition Lab**, Stanford, USA 08/2018—08/2019

- Organize and recruit 12-24- month-old infants at a museum for a parenting project
- Code caregiver and infant interactions in Datavyu
- Analyze lexical diversity and joint attention in R and python

**Honors Thesis in Cognitive Development Lab**, UCSD, La Jolla, USA 09/2017—06/2018

- Design and conduct research on pronoun and verb usages in maternal communication
- Program in R to analyze data statistically and apply PCA and Hierarchical Clustering

**Research Assistant in Cognitive Development Lab**, UCSD, La Jolla, USA 09/2016—09/2017

- Video Coding of 12 month-old infants' maternal interactions by frames
- Experiment designing and Matlab programming to bring free setting studies into labs

**Intern, American Institute for Behavioral Research and Technology**, Encinitas 06—09/2017

- Statistical analysis with SPSS on an adulthood project
- Literature research into social influences on adolescence and adulthood

## **Presentations**

California Meeting on Psycholinguistics, Dec 2<sup>nd</sup>-3<sup>rd</sup>, 2017 (presentation)

Symposium on Cognitive and Language Development, May 13<sup>th</sup>, 2017 (poster)

## **Organizations**

Event Coordinator Chair, Cognitive Science Student Association, UCSD

09/2016-06/2018