# TRAN HOANG

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## EDUCATION:

**Learning Design and Technology, M.S.**                                    September 2021 - Present
Stanford University

**Psychology & Social Behavior, B.A.**                                    September 2016 - June 2019
**Education Sciences, B.A.**
University of California, Irvine

## RESEARCH EXPERIENCE:

**Media and Child Development Lab,** Lab Manager and Research Assistant                April 2016 – Present
Mentors: Professors Mark Warschauer and Professor Drew Bailey; Dr. Robert Kalinowski; Postdoctoral Scholar Ying Xu
*University of California, Irvine*

***Automated Conversational Agent for Dialogic Storybook Reading***                February 2021 – Present
- Collaborated with members from IBM Research to build the artificial intelligence-powered conversational agent.
- Developed framework for question-answer pairs and benchmark dataset of dialogic questioning to build children's narrative comprehension skills.
- Created over 10,000 question-answer pairs for labeled dataset used to train the conversational agent.
- Project funded by Schmidt Futures for **$40,000**.

***Young Children's Learning with Conversational Agents***                September 2018 – June 2019
- Transcribed and analyzed interviews with 31 children to understand their perception of conversational agents.
- Assisted in editing a conversational storytelling script to implement in the Google Home by reviewing reading comprehension questions with the research team.
- Administered exams to preschool children for the Expressive One-Word Picture Vocabulary Test.
- Utilized in a pilot study on a PBS Kids program.

## PROFESSIONAL EXPERIENCE

**Boys and Girls Club of Garden Grove,** Academic Imagine Learning Instructor                October 2019 - Present
*Garden Grove, CA*
- Engaged and supported 20 children's experience with the technological Imagine Learning curriculum.
- Implemented and provided support for an iPad-based program to help young English Language Learners.

**Advanced Field Study Program,** Grant Writing and Research Intern                October 2018 – June 2019
Costa Mesa, CA
- Collaborated with team of grant writers to compose a total of 13 grant proposals, resulting in $32,300 of funding
- Interviewed students facing housing insecurity with a focus to understand the barriers in higher education.

**Peer Academic Advising Program,** Peer Academic Advisor                April 2018 – June 2019
University of California, Irvine
- Advised in topics such as field study, academic planning, and university policies to over 300 students.
- Presented 8 workshops about course planning, graduate school, etc.

## SKILLS:

**Technical:** LaTex, Technical Writing, Python (basic), Microsoft Office Suite, Photoshop
**Other:** Team Management, Project Management, Data Collection, Effective Children Interaction

## INTERESTS AND HOBBIES: technology, artificial intelligence, conversational agents, UX design