

# YUEYAN TANG

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## EDUCATION

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University of California, San Diego, PhD student in Cognitive Science	2021 - Present
University of California, San Diego, BS in Cognitive Science and Probability & Statistics	2017 - 2021

## RESEARCH EXPERIENCE

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<b>Graduate Research Assistant</b>	9/2021 - Present
Cognitive Development Lab, Supervisor: Prof. Gedeon Deak	San Diego, CA

- Lead a coding team to design coding schemes related to infant joint attention behavior.
- Collaborate with faculty and graduate students across departments.

<b>Undergraduate Research Assistant</b>	6/2020 - 6/2021
Cognitive Development Lab, Supervisor: Prof. Gedeon Deak	San Diego, CA

- Conduct research on the influence of maternal sensitivity on infants' responsiveness to social cues.
- Analyze longitudinal data on Python.
- Work closely with faculty and graduate students.

### Undergraduate Independent Researcher

01/2020 - 03/2020

UC San Diego Mathematics Department, Supervisor: Prof. Wenxin Zhou	San Diego, CA
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- Analyze least squares problem in order to further evaluate data robust regression and quantile regression under sparsity constraint.
- Investigate greedy algorithms such as gradient and iterative hard thresholding.
- Develop transferable research-related skills including communication, extracting and organizing essential datasets, critical thinking, and time management skills through intensive research experience.

## PUBLICATION

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- Tang, Y., & Deák, G.O. (2023). *Variability in Infant Social Responsiveness: Age and Situational Differences in Attention-Following*. Manuscript submitted for publication. *Developmental cognitive neuroscience*, 63, 101283. <https://doi.org/10.1016/j.dcn.2023.101283>

## SUBMITTED MANUSCRIPT

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- Tang, Y., Robledo, M., & Deák, G.O. (2022). *The Gradual Acquisition Of Gaze- And Point-Following From 4 To 12 Months Of Age*. Manuscript submitted for publication.

## CONFERENCE PRESENTATION

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- "Relation of Maternal Sensitivity to Infants' Responsiveness to Joint Attention Cues," Lancaster Conference on Infant & Early Child Development, Lancaster University, Aug 2021
- "Parental Adherence to Test Protocols: Exploratory Study on a Remote, Web-Based Mandarin-English Receptive Language Assessment," American Speech-Language-Hearing Association Convention, Nov 2021
- "Infant Attention-Following in Laboratory and Home Settings," The International Congress of Infant Studies, Ottawa, Canada, July 2022

## TEACHING EXPERIENCE

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<b>Teaching Assistant – Tutor, Grader and Matlab Tutor</b>	04/2019 - Present
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UC San Diego Mathematics Department	San Diego, CA
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UC San Diego Cognitive Science Department	San Diego, CA
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- MATH 11 - Calculus-based introductory probability and statistics
- MATH 20B - Calculus for Science and Engineering

- MATH 189 - Exploratory data analysis and inference
- COGS 108 - Data science in practice
- COGS 10 - Cognitive consequences of technology

## AWARDS

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| • UC San Diego Physical Sciences Dean's Undergraduate Award for Excellence | 2020 - 2021               |
| • Triton Research & Experiential Learning Scholars Quarterly Awards        | Winter 2021,<br>Fall 2021 |

## SKILLS

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- Languages: Advanced writing, speaking, and reading skills in Mandarin and English.
- Technical: Python, MATLAB, R, Java, Microsoft Office

## References

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Gedeon Deak

Cognitive Science Professor, UCSD

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Wenxin(Steve) Zhou

Mathematics Associate Professor, UCSD

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