Zhisheng **Tang**

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Education

University of Southern California, Los Angeles, US

Ph.D. in Industrial and Systems Engineering

ADVISOR: PROF. MAYANK KEJRIWAL

Aug. 2023 - Present

University of Southern California, Los Angeles, US

M.S. in Analytics

ADVISOR: PROF. MAYANK KEJRIWAL

Aug. 2021 - May. 2023

University of Washington, Seattle, US

B.S. in Mathematics

GPA: 3.7/4.0

Aug. 2016 - June 2020

Employment History

Mobvoi

Beijing, China

RESEARCH INTERN

May 2023 - Aug. 2023

- Topic: Expert Chain of Thought prompting
- Managed by Dr. Pengfei Sun

Mobvoi

Beijing, China

RESEARCH INTERN

Oct. 2020 - Aug. 2021

- Topic: Pre-train Chinese language model

Irootech

Beijing, China

SOFTWARE INTERN

May 2018 - Aug. 2018

- Software development at the cloud platform

Publications

Humanlike Cognitive Patterns as Emergent Phenomena in Large Language Models

ZHISHENG TANG, MAYANK KEJRIWAL

- Under review

GRASP: A Grid-Based Benchmark for Evaluating Commonsense Spatial Reasoning

ZHISHENG TANG, MAYANK KEJRIWAL

- Under review

An Evaluation of Estimative Uncertainty in Large Language Models

ZHISHENG TANG, KE SHEN, MAYANK KEJRIWAL

- Under review

Can language representation models think in bets?

ZHISHENG TANG, MAYANK KEJRIWAL

- Royal Society Open Science 10, no. 3 (2023): 221585.

Evaluating deep generative models on cognitive tasks: a case study

ZHISHENG TANG, MAYANK KEJRIWAL

- Discover Artificial Intelligence 3, no. 1 (2023): 21.

Can Language Models Be Used in Multistep Commonsense Planning Domains?

ZHISHENG TANG, MAYANK KEJRIWAL

- In International Conference on Artificial General Intelligence, pp. 276-285. Cham: Springer Nature Switzerland, 2023.

Is persona enough for personality? Using ChatGPT to reconstruct an agent's latent personality from simple descriptions.

Yongyi Ji, **Zhisheng Tang**, Mayank Kejriwal

- ICML 2024 Workshop on Large Language Models and Cognition