

**Kenan Tang**  
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## EDUCATION

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**University of California, Santa Barbara**, *Ph.D. Computer Science*, Santa Barbara, CA, Expected 2028

- GPA 4.00/4.00

**University of Chicago**, *B.S. Computer Science, B.A. Physics*, Chicago, IL, June 2023

- Graduated *summa cum laude*, GPA 3.94/4.00

## PUBLICATIONS & PREPRINTS

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- **Kenan Tang**, *Compositionality and Parts*, CVPR AI Art Gallery 2025
- Chenruo Liu\*, **Kenan Tang\***, Yao Qin, Qi Lei, *Bridging Distribution Shift and AI Safety: Conceptual and Methodological Synergies*, Arxiv 2025
- **Kenan Tang\***, Yanhong Li\*, Yao Qin, *SPICE: A Synergistic, Precise, Iterative, and Customizable Image Editing Workflow*, Arxiv 2025
- **Kenan Tang\***, Peiyang Song\*, Yao Qin, Xifeng Yan, *Creative and Context-Aware Translation of East Asian Idioms with GPT-4*, EMNLP Findings 2024 and the Workshop on Asian Translation (WAT) 2024
- Michael van der Naald, Abhi Singh, Toka Eid, **Kenan Tang**, Juan J. de Pablo, Heinrich M. Jaeger, *Minimally Rigid Clusters in Dense Suspension Flow*, Nature Physics 2024
- **Kenan Tang**, *PETCI: A Parallel English Translation Dataset of Chinese Idioms*, Arxiv 2022

## CONFERENCE ABSTRACTS

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- Eleonora M. Aiello, **Kenan Tang**, Mehak Dhaliwal, ..., Yao Qin, *Identifying insulin and non-insulin-mediated mechanisms during physical activity from real-world T1D data*, 85th Scientific Sessions of the American Diabetes Association, 2025
- Eleonora M. Aiello, **Kenan Tang**, Mehak Dhaliwal, ..., Yao Qin, *Modeling metabolic changes in glucose physiology during physical activity in T1D*, 85th Scientific Sessions of the American Diabetes Association, 2025
- Mehak Dhaliwal\*, **Kenan Tang\***, ..., Yao Qin, *Understanding Hypoglycemia Risk in Unstructured Real-World Physical Activities in Adults with Type 1 Diabetes*, 84th Scientific Sessions of the American Diabetes Association, 2024
- **Kenan Tang\***, Mehak Dhaliwal\*, ..., Yao Qin, *Glycemic Effect of Free-Living Activities in Adults with Type 1 Diabetes*, 84th Scientific Sessions of the American Diabetes Association, 2024

## EXPERIENCE

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**Microsoft**, *Software Engineer Intern*, Suzhou, China, June 2021 – August 2021

- Investigated different chatbot architectures such as DuConv, KdConv, PLATO-2, and BlenderBot2
- Crawled text from websites and extracted knowledge graphs which are used for the chatbot
- Developed a chatbot API using PyTorch and Flask in a Docker container on a Linux server

## LEADERSHIP & ACTIVITIES

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**Japanese Translation Team**, *Translator and Technical Support*, China, August 2019 – September 2021

- Developed a QQ Mini-Program using JS, HTML, and CSS for task management benefiting 2,000+ translators
- Translated Japanese live-streaming videos into Chinese with Aegisub for 1,000,000+ subscribers on Bilibili

## SKILLS & LANGUAGES

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**Programming Languages:** Python, C, R, C++, JavaScript

**Packages:** PyTorch, vLLM, transformers, nltk, CoreNLP, wandb

**Languages:** English (Duolingo 160/160, TOEFL 115/120), Chinese (Native), Japanese (JLPT N1 137/180), Korean

## PERSONAL WEBSITES

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**Home Page:** <https://kenantang.github.io/>

**LinkedIn:** <https://www.linkedin.com/in/kenan-tang-1682a11a0/>