

# **HAOYUN (JACQUELINE) HONG**

+1(646)828-1999 | email: [hh3863@stern.nyu.edu](mailto:hh3863@stern.nyu.edu)

Research Interests: AI for Business, AI for Good

EDUCATION

- Technology and Economics for Human Well-Being
  - Supervised by Prof. Alex Tuzhilin and Prof. Anindya Ghose

**Machine Learning, Mohamed Bin Zayed University of Artificial Intelligence** Abu Dhabi, UAE  
PhD student Aug. 2023 – Aug. 2024

- Completed one year of PhD training before transitioning to a more aligned research program
  - Planned to establish an AI start-up dedicated to socially beneficial AI applications

**Computer Science & Statistics, Tsinghua University** Beijing, China  
Bachelor's degree, Master student Aug. 2017 – June. 2023

- Major in Computer Science and Technology, and Minor in Statistics
  - Outstanding Graduate of the Department of Computer Science and Technology
  - Comprehensive Excellent First Prize Scholarship of Tsinghua University (**Top 1%**)
  - Graduation Thesis of Excellent Undergraduate Students in Beijing (**Top 1%**)
  - Excellent Graduation Thesis of Tsinghua University (**Ranked 1<sup>st</sup> in the department**)
  - Supervised by Prof. Jie Tang (ACM/AAAI/IEEE Fellow)
  - Master of Data Science and Information Technology jointly developed by Tsinghua University and University of Washington, Seattle (**Ranked 1<sup>st</sup> in the postgraduate recommendation**; after one semester, because of financial situations, transitioned to a full-scholarship PhD in AI.)

**Computer Science, University of California, Berkeley** California, USA  
Research Assistant Mar. 2021 – Nov. 2021

- Co-authored two top-tier CS conference papers with Prof. Dawn Song (ACM/IEEE/MacArthur Fellow)
    - Zero-Shot Information Extraction as a Unified Text-to-Triple Translation. (EMNLP 2021)
    - DeepStruct: Pretraining of Language Models for Structure Prediction. (ACL 2022)

## ENTREPRENEURSHIP

---

### Hug AI Technology Limited Company

Founder, CEO, CTO

Zhejiang & Hong Kong, China

Feb. 2024 – Present

- A start-up focused on the intersection of AI and mental health
- Developed a prototype AI agent and frontend of the product, leveraging Human-AI interaction data to enhance user experience

## PUBLICATIONS

---

1. Liu X\*, Hong H\*, Wang X, Chen Z, Kharlamov E, Dong Y, Tang J. SelfKG: Self-Supervised Entity Alignment in Knowledge Graphs. In Proceedings of the ACM Web Conference 2022 2022 Apr 25 (pp. 860-870).  
**(Co-first author, Best paper candidate, Oral presentation)**
2. Wang C, Liu X, Chen Z, Hong H, Tang J, Song D. Zero-Shot Information Extraction as a Unified Text-to-Triple Translation. In Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing 2021 Nov (pp. 1225-1238).
3. Wang C\*, Liu X\*, Chen Z\*, Hong H, Tang J, Song D. DeepStruct: Pretraining of Language Models for Structure Prediction. In Findings of the Association for Computational Linguistics: ACL 2022 2022 May (pp. 803-823).

## MORE AWARDS AND HONORS

---

- The Best Team Leader Award and The Best Industry Analysis Award in the Business Intelligence Design Program of Tsinghua University
- Science and Technology Innovation Scholarship of Tsinghua University
- Social Work Excellence Scholarship of Tsinghua University
- The Champion of Miss World China East and Miss World China Most Popular

## HOBBIES AND INTERESTS

---

- Sports & Wellness: Swimming, morning jogging, spine yoga, boxing, culinary, and travel
- Arts & Creativity: Singing, playing the violin, fashion modeling, and photography
- Animals & Plants: Caring for bunnies, and cultivating orchids