Minghui Huang

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https://huang22.github.io

Education

2024-2026[*]   **Master of Science**, The University of Texas at Austin
· GPA: 4.0/4.0 (completed 6 of 10 courses required for graduation)
· *Online Program*

2014-2018   **Bachelor of Engineering**, School of Computer Science and Engineering, Sun Yat-sen University
· GPA: 3.9/4.0
· *Location: Guangzhou, China*

Publications and Preprints

G Google Scholar

1. **Minghui Huang**. DecMetrics: Structured Claim Decomposition Scoring for Factually Consistent LLM Outputs. https://www.arxiv.org/pdf/2509.04483 (2025).

2. Liu, S., Wang, D., Li, X., **Minghui Huang** & Ding, M. A Copy-Augmented Generative Model for Open-Domain Question Answering. https://aclanthology.org/2022.acl-short.47 (2022).

3. **Minghui Huang**, Peng, W. & Wang, D. TPRM: A Topic-based Personalized Ranking Model for Web Search. **abs/2108.06014.** https://arxiv.org/pdf/2108.06014 (2021).

4. **Minghui Huang**, Wang, D., Liu, S. & Ding, M. GQE-PRF: Generative Query Expansion with Pseudo-Relevance Feedback. **abs/2108.06010.** https://arxiv.org/pdf/2108.06010 (2021).

5. **Minghui Huang**, Xie, H., Rao, Y., Feng, J. & Wang, F. L. Sentiment strength detection with a context-dependent lexicon-based convolutional neural network. **520,** 389–399. https://doi.org/10.1016/j.ins.2020.02.026 (2020).

6. **Minghui Huang**, Xie, H., Rao, Y., Liu, Y., Poon, L. K. M. & Wang, F. L. Lexicon-Based Sentiment Convolutional Neural Networks for Online Review Analysis. **13,** 1337–1348. https://doi.org/10.1109/TAFFC.2020.2997769 (2020).

7. **Minghui Huang**, Rao, Y., Liu, Y., Xie, H. & Wang, F. L. Siamese Network-Based Supervised Topic Modeling. https://aclanthology.org/D18-1494 (2018).

Research Experience

2015-2018   Research Assistant, SentiNet Group, Sun Yat-Sen University, (Advisor: Dr. Yanghui Rao. Topics: sentiment analysis & natural language processing)

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[*]Expected.

Teaching

Sun Yat-Sen University

2016   Teaching Assistant, Signals and Systems

Academic Service

Reviewer

2024-2025 ACL Rolling Review (ARR)
2025   EMNLP 2025 Workshop WiNLP
2025   NAACL Demo Track
2021   EMNLP

Industry Experience

2021 - -   Senior AI Engineer Search Center, vivo
                · *Location: Shenzhen, China*
2018 - 2021 Researcher   Artificial Intelligence Application Research Center, Huawei
                · *Location: Shenzhen, China*

Tools

Some Innovative Ideas and Proof of Concepts

unicodetext 1.3: A Python package designed for efficient processing and manipulation of Unicode text.

just-3d: A demo showcasing object detection in images using natural language, and transforming them into 3D models.

Last updated: October 18, 2025