Minghui Huang

minghuihuang@utexas.edu
https://huang22.github.io

Education

2024-2026[*]   **Master of Science**, Online, The University of Texas at Austin
2014-2018   **Bachelor of Engineering**, Guangzhou, China, Sun Yat-sen University

Publications and Preprints

G Google Scholar

1. Liu, S., Wang, D., Li, X., **Minghui Huang** & Ding, M. *A Copy-Augmented Generative Model for Open-Domain Question Answering* in *ACL* (2022).

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

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

4. **Minghui Huang**, Xie, H., Rao, Y., Feng, J. & Wang, F. L. Sentiment strength detection with a context-dependent lexicon-based convolutional neural network. *Inf. Sci.* **520,** 389–399 (2020).

5. **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. *IEEE Transactions on Affective Computing* **13,** 1337–1348 (2020).

6. **Minghui Huang**, Rao, Y., Liu, Y., Xie, H. & Wang, F. L. *Siamese Network-Based Supervised Topic Modeling* in *EMNLP* (2018).

Research Experience

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

Teaching

Sun Yat-Sen University

2016   Teaching Assistant, Signals and Systems

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[*]Expected.

Academic Service

Reviewer

2021	EMNLP
2024	ARR (multiple cycles)

Program Committee

2025	NAACL Demo Track (expected start on Feb 2025)

Industry Experience

2021 - -	Senior AI Engineer, Search Center, vivo, Shenzhen, China
2018 - 2021	Researcher, Artificial Intelligence Application Research Center, Huawei, 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: November 28, 2024