

Lin Zheng

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Education

The University of Hong Kong 2021.09 – present
Ph.D. in Computer Science
Advisor: Lingpeng Kong, Ping Luo and Ben Kao

Sun Yat-sen University 2017.09 – 2021.7
B.E. in Software Engineering
Advisor: Qinliang Su

Publications

- [1] **Lin Zheng**, Chong Wang, and Lingpeng Kong. Linear complexity randomized self-attention mechanism. In *ICML 2022*.
- [2] **Lin Zheng**, Huijie Pan, and Lingpeng Kong. Ripple attention for visual perception with sub-quadratic complexity. In *ICML 2022*.
- [3] **Lin Zheng**, Zhiyong Wu, and Lingpeng Kong. Cascaded head-colliding attention. In *ACL 2021*.
- [4] **Lin Zheng**, Qinliang Su, Dinghan Shen, and Changyou Chen. Generative semantic hashing enhanced via boltzmann machines. In *ACL 2020*.

Research Experience

Research Intern 2021.06 – 2021.09
ByteDance Applied Machine Learning (AML) Research
Working with Chong Wang, Jianbo Yuan, Xiang Gao, Xiujun Li and Yanghua Peng

Research Assistant 2020.11 – present
The University of Hong Kong
Working with Lingpeng Kong

Research Assistant 2019.03 – 2021.05
Sun Yat-sen University
Working with Qinliang Su

Professional Service

Reviewer: ACL 2021, NAACL 2021, ICML 2022, and NeurIPS 2022.

Teaching

- TA for COMP3314B Machine Learning, 2022 Spring, HKU

Selected Awards

2022: M. Braun Postgraduate Prize at the University of Hong Kong.
2021: The University Postgraduate Fellowship at the University of Hong Kong.
2019: The first-grade scholarship at Sun Yat-sen University.
2018: The second-grade scholarship at Sun Yat-sen University.