# 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
○ Overall GPA 4.0/4.0, Ranking 3/174

## Research Interests

My research interests include machine learning and probabilistic graphical models.

## 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 – present**
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

## Selected Awards

**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.

## Skills

**Programming Language**: Python (including packages Pytorch, Tensorflow), C/C++, Java
**Language**: Chinese (native), English (fluent)