

# HE Fang

The Hong Kong Polytechnic University  
Hung Hom, Kowloon HK

Mobile: +852 52668295, +86 18610256579

Email: [fangf.he@connect.polyu.hk](mailto:fangf.he@connect.polyu.hk)

WeChat: fangger4396

Born: June 22, 1995—Hubei, China

Nationality: Chinese/China

## Current position

*Postdoc*, COMP, The Hong Kong Polytechnic University

## Education

2024 PH.D. in Department of Computing, The Hong Kong Polytechnic University  
2020 MESC in Software Engineering, Central University of Finance and Economics  
2017 BENG in Information Security, Central University of Finance and Economics

## Areas of Research Interest

Currently I am interested in intersection of **knowledge graph** and **nature language processing**, where LLMs are applied to understand the semantics of KGs. My research lies in the **smart buildings**, where **data mining** and **artificial general intelligence** techniques show great potentials.

## Publications

2023 **F. He**, D. Wang, and Y. Sun, "Ontology Integration for Building Systems and Energy Storage Systems", in *Proc. ACM Buildsys'23*, Istanbul, Nov. 2023.  
2022 **F. He** and D. Wang, "Cloze: A Building Metadata Model Generation System based on Information Extraction", in *Proc. ACM Buildsys'22*, Boston, MA, Nov. 2022.  
2022 Y. Deng, J. Fan, H. Jiang, **F. He**, D. Wang, A. Li, F. Xiao, "Behavior Testing of Load Forecasting Models using BuildChecks", in *Proc. ACM e-Energy'22*, 2022.  
2021 **F. He**, Y. Deng, Y. Xu, C. Xu, D. Hong, and D. Wang, "Energon: A Data Acquisition System for Portable Building Analytics", in *Proc. ACM e-Energy'21*, virtual, Torino, Italy, June, 2021.  
2020 **F. He**, C. Xu, Y. Xu, D. Hong, and D. Wang, "EnergonQL: A Building Independent Acquisitional Query Language for Portable Building Analytics", in *Proc. ACM Buildsys'20*, virtual, Yokohama, Japan, Nov. 2020.