

Tien-Hsuan Wu

吳典軒 (Kevin Wu)

Tel: (852)2241-5857 Email: thwu@cs.hku.hk
Rm 430, Chow Yei Ching Bldg, The University of Hong Kong, Hong Kong

Education

PhD, The University of Hong Kong (2021)

Research Interests: Data Mining, Knowledge-Based Systems

BEng in Computer Science, The University of Hong Kong (2017)

First Class Honours

Minor in Finance

Working Experience

Post-doctoral Fellow, Department of Computer Science, HKU (2021/11-present)

Research Assistant, Center for E-Commerce Infrastructure Development, HKU (2016/10-2017/08)

Development and testing of *Hermes Business Messaging Gateway*.

Publications

Tien-Hsuan Wu, Ben Kao, Anne SY Cheung, Michael MK Cheung, Chen Wang, Yongxi Chen, Guowen Yuan and Reynold Cheng. Integrating Domain Knowledge in AI-assisted Criminal Sentencing of Drug Trafficking Cases. International Conference on Legal Knowledge and Information Systems (JURIX2020). Legal Knowledge and Information Systems, pages 174-183. IOS Press, 2020.

Tien-Hsuan Wu, Ben Kao, Zhiyong Wu, Xiyang Feng, Qianli Song, Cheng Chen. MULCE: Multi-level Canonicalization with Embeddings of Open Knowledge Bases. Web Information Systems Engineering – WISE 2020. Lecture Notes in Computer Science, pages 315-327. Springer, 2020.

Zhiyong Wu, Ben Kao, **Tien-Hsuan Wu**, Pengcheng Yin, Qun Liu. PERQ: Predicting, Explaining, and Rectifying Failed Questions in KB-QA Systems. Proceedings of the 13th International Conference on Web Search and Data Mining, pages 663-671. ACM, 2020.

Tien-Hsuan Wu, Zhiyong Wu, Ben Kao, and Pengcheng Yin. Towards practical open knowledge base canonicalization. In Proceedings of the 27th ACM International Conference on Information and Knowledge Management, pages 883-892. ACM, 2018.

Awards

Jessie Ho Memorial Postgraduate Fellowship (2017)

Y S and Christabel Lung Postgraduate Scholarship for Engineering Students (2017)

Dean's Honours List (2014, 2016)

HKU Foundation Scholarships for Outstanding International Students (2013-17)

HKSAR Government Scholarship Fund (2013-17)

Mr Armin and Mrs Lillian Kitchell Scholarships (2013-17)

Teaching

Teaching Assistant

(2022 Spring) HKU-COMP2119 Introduction to Data Structures and Algorithms

(2021 Fall) HKU-COMP7103 Data Mining

(2019 Spring) HKU-COMP3311 Legal Aspects of Computing

(2018 Spring) HKU-COMP3278 Introduction to Database Management Systems