

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, Felix Chan, Anne SY Cheung, Michael MK Cheung, Guowen Yuan and Yongxi Chen. Semantic Search and Summarization of Judgments Using Topic Modeling. In JURIX2021 (to appear).

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.

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

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)