Hou Pong (Ken) Chan

Contact Information	Rm 1024, SHB, CUHK, Shatin, NT Hong Kong SAR, China	**Homepage:** http://kenchan0226.github.io **Phone:** (+852) 9648-1845 **Email:** hpchan@cse.cuhk.edu.hk

Research Interests

Text Summarization, Natural Language Processing, Reinforcement Learning, Education and Learning Analytics, Machine Learning

Education

The Chinese University of Hong Kong

Ph.D., Computer Science and Engineering   Aug. 2015 to Jul. 2020 (expected)
- Advisor: Prof. Irwin King

Northeastern University

Visiting Student, Khoury College of Computer Sciences   Mar. 2019 to Jul. 2019
- Host: Prof. Lu Wang

The Chinese University of Hong Kong

B.Eng., Information Engineering   Sept. 2011 to Jul. 2014
- Advisor: Prof. Wing Cheong Lau
- First Class Honor

Publications

1. **Hou Pong Chan***, Wang Chen*, Irwin King: A Unified Dual-view Model for Review Summarization and Sentiment Classification with Inconsistency Loss. SIGIR 2020. * indicates equal contributions. (CCF A)

2. Wang Chen, **Hou Pong Chan**, Piji Li, Irwin King: Exclusive Hierarchical Decoding for Deep Keyphrase Generation. ACL 2020. Long Papers. (CCF A)

3. **Hou Pong Chan**, Wang Chen, Lu Wang, Irwin King: Neural Keyphrase Generation via Reinforcement Learning with Adaptive Rewards. ACL 2019. Long Papers. (CCF A, acceptance rate: 25.7%)

4. Yue Wang, Jing Li, **Hou Pong Chan**, Irwin King, Michael R. Lyu, Shuming Shi: Topic-Aware Neural Keyphrase Generation for Social Media Language. ACL 2019. Long Papers. (CCF A, acceptance rate: 25.7%)

5. Wang Chen, **Hou Pong Chan**, Piji Li, Lidong Bing, Irwin King: An Integrated Approach for Keyphrase Generation via Exploring the Power of Retrieval and Extraction. NAACL 2019. Long Papers. (CCF C, acceptance rate: 26.3%)

6. **Hou Pong Chan**, Irwin King: Thread Popularity Prediction and Tracking with a Permutation-invariant Model. EMNLP 2018. Long Papers. (CCF B, acceptance rate: 25.5%)

7. **Hou Pong Chan**, Irwin King: Leveraging Social Connections to Improve Peer Assessment in MOOCs. WWW 2017. Digital Learning Track. (CCF A)

8. **Hou Pong Chan**, Tong Zhao, Irwin King: Trust-aware Peer Assessment using Multi-armed Bandit Algorithms. WWW 2016. Workshop on Web Science and Technology for Education. (CCF A)

ACADEMIC SERVICES	**Journal Reviewer**: TKDE, JDSA **Conference Reviewer**: ACL 2020, AAAI 2020, EMNLP 2019, AAAI 2019, ASONAM 2018, EMOOCs 2017, CTE 2017, HCOMP 2016, ASONAM 2016 **Conference Volunteer**: NAACL 2019, EMNLP 2019, WebConf 2020
AWARDS AND SCHOLARSHIPS	• The Best Teaching Assistant Award, Department of CSE, CUHK, 2017 and 2018 • Postgraduate Scholarship, Macau SAR Government, 2015 • Innovation and Technology Project Competition, Merit Award, HKEIA, 2014 • Dean's List, New Asia College, CUHK, 2014 • Dean's List, Faculty of Engineering, CUHK, 2013 and 2014 • Hong Kong SAR Government Scholarship, 2011
INVITED TALK	• Learning from Student Data in MOOCs. US-Sino Online & Transnational Higher Education Conference, April, 2017, Shenzhen, China
TEACHING EXPERIENCE	**Teaching Assistant** Sept. 2015 to Jul. 2018 Department of Computer Science and Engineering, The Chinese University of Hong Kong • CSCI2100A Data Structures, Spring 2018 (Best TA Award) • CSCI2100 Data Structures, Fall 2017 • CSCI3180 Principle of Programming Languages, Spring 2017 (Best TA Award) • CSCI318A Data Strcutures, Spring 2016 • ENGG2120 Introduction to Digital and Microprocessor Systems, Fall 2015 I believe that hands-on experience and discussions are essential ingredients for learning.
WORKING EXPERIENCE	**Research Assistant** Jul. 2014 to Jul. 2015 Department of Information Engineering, The Chinese University of Hong Kong Supervisor: Prof. Wing Cheong Lau Assisted the development of a research project about QR code security. **Web Developer Intern** Jun. 2013 to Aug. 2013 Cloudhost Limited, Hong Kong Developed a web-based admin panel to manage virtual machines.
PROJECT EXPERIENCE	**Learning Analytics for MOOC Platforms** May 2016 to Jan. 2018 • Assisted the Knowledge and Education Exchange Platform (KEEP) to collect data. • Visited five MOOC platforms in the Greater China Area to collect their educational data. • Visited Microsoft Research in Redmond to collect their academic graph data. **Learning Analytics Dashboard** Sept. 2015 to May 2016 • Assisted the development of the learning analytics dashboard for the Knowledge and Education Exchange Platform (KEEP). • The dashboard visualizes students' learning activities to help teachers to monitor students' engagement and allow students to track their learning progress.
SKILLS	**Programming:** Python, C, C#, MATLAB, Java, PHP, MYSQL, JavaScript **Toolbox:** Pytorch, NLTK, Huggingface-Transformers **Language:** Cantonese Chinese (native), Mandarin Chinese (proficient), English (proficient)