Curriculum Vitae – Ling Chen (陳翎)

Personal Details

Present Position: Assistant Professor
Affiliation: Institute of Hospital and Health Care Administration, National Yang Ming Chiao Tung University, Taiwan

Email: ling.chen@nycu.edu.tw
Tel: +886 (2) 2826-7000 #65337

Key Skills

- Deep learning (feature learning, image denoising, text detection and recognition) and machine learning
- Natural language processing and longitudinal data analysis
- Python packages (tensorflow, pytorch, scikit-learn, opencv, numpy, scipy), Matlab, Ubuntu (Linux) OS

Educational Qualifications

- Ph.D. in Computer Science (Data Mining), University of Queensland (UQ), Apr. 2013 – Feb. 2017
- Master of Computer Science, UQ, Jul. 2010 – Nov. 2011
- Master of Information Technology, UQ, Mar. 2009 – Jun. 2010
- Bachelor of Arts (Philosophy major), National Taiwan University, Sep. 2002 – Jun. 2006

Employment History

2020 – Present **Assistant Professor**, Institute of Hospital and Health Care Administration, National Yang Ming Chiao Tung University, Taiwan.

2018 – 2020 **Researcher**, Clarivate Analytics, Brisbane, Australia.

2016 – 2018 **Research Developer**, TrademarkVision (acquired by Clarivate Analytics, Oct. 2018), Brisbane, Australia.

2015 – 2015 **Internship**, Hunan Research Centre for Hypertension, The 3rd Xianya Hospital, Central South University, China.

2011 – 2012 **Part-time Research Assistant**, University of Queensland, Australia

2009 – 2012 **Teaching Assistant**, University of Queensland, Australia

Publications

Journal Articles:

1. Jing-Xian Shu, Ying Li, Ting He, **Ling Chen**, Xue Li, Lin-Lin Zou, Yin Lu, Xiao-Hui Li, An-Li Wang, Xing Liu, Hong Yuan (2018, Jan). Applying a "Big Data" Literature System to Recommend Antihypertensive Drugs for Hypertension Patients with Diabetes Mellitus. *Medical Science Monitor*, 24, 114-148. (Scopus, 90/136 MEDICINE, RESEARCH & EXPERIMENTAL).
2. **Ling Chen**, Xue Li, Quan Z. Sheng, Wen Chih Peng, John Bennett, Hsiao Yun Hu, Nicole Huang (2016, Sep). Mining Health Examination Records - A Graph-Based Approach. *IEEE Transactions on Knowledge and Data Engineering*, 28(9), 2423-2437. (SCIE, 29/134, COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE).
3. **Ling Chen**, Xue Li, Yi Yang, Hanna Kurniawati, Quan Z. Sheng, Hsiao-Yun Hu, Nicole Huang (2016, Jan). Personal health indexing based on medical examinations: A data mining approach. *Decision Support Systems*, 81(2016), 54-65. (SCIE, 30/134, COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE).
4. **Ling Chen**, Yang Liu, Marcus Gallagher, Bernard Pailthorpe, Shazia Sadiq, Heng Tao Shen, Xue Li (2012, Oct). Introducing cloud computing topics in curricula. *Journal of Information Systems Education*,

23(3): 315-324.

Book Chapters:

1. Sayan Unankard, **Ling Chen**, Peng Li, Sen Wang, Zi Huang, Mohamed A. Sharaf, Xue Li. On the prediction of re-tweeting activities in social networks - A report on WISE 2012 challenge. *Web Information Systems Engineering - WISE 2012. WISE 2012. Lecture Notes in Computer Science, vol 7651* (ISBN: 978-3-642-35062-7). Berlin, Heidelberg: Springer. Nov, 2012: 7651 LNCS, 744-754.

Conference Papers:

1. **Ling Chen**, Xue Li, Sen Wang, Hsiao Yun Hu, Nicole Huang, Quan Z. Sheng, Mohamed Sharaf (2014, Dec). Mining Personal Health Index from Annual Geriatric Medical Examinations. *Proceedings of 2014 IEEE International Conference on Data Mining*, 761-766.

Awards

- **2014 Premier's Awards for Open Data** - Best Use of Open Data and Microsoft StartUp Q Award (WikiQueensland- a big data fusion system), Queensland, Australia
- **Richard Jago Memorial Prize** 2014, University of Queensland (UQ)
- UQ Graduate School sponsorship, **2014 C9-Go8 Forum** on Global challenges of Ageing, Sydney
- **First prize** of the Data Mining Track, WISE 2012 Challenge

References

Prof. Xue Li (李雪)

Vice President / CKO
Neusoft Education Technology Group

lixue@neusoft.edu.cn
+86 137-17947033

Cameron Mitchell

Senior Director
Clarivate Analytics

cameron.mitchell@clarivate.com
+61 457-040557