Long Yunfei

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Working & Education :

2019.01-now	University of Nottingham	Research Fellow
2015.08-2018.12	The Hong Kong Polytechnic University	PhD
2013.08-2014.11	University of Edinburgh	M.Sc.
2009.09-2013.06	Jilin University	B.A/BSC.

Research Experience :

◆ **2019.1-now** **Analysis large datasets of mental health text with NLP**

✧ Project description: Identify linguistic patterns in mental health text (for both clinical notes and social media text)

◆ **2015.07-2018.12** **User profile-based sentiment analysis**

✧ Project description: The objective is to automatically assign a piece of text emotional label or rating based on user profiles. .

✧ Main work:

1. User profile and representation construction
2. Solving user sparseness issue based on missing behavior and observed behavior.
3. Improving deep learning based sentiment analysis though cognition grounded data.
4. Improving document emotion classification based on cognition grounded data and user profiles.

◆ **2015.01-2015.06** **Chinese semantic dictionary editing and retrofitting.**

✧ **Project description:** Design semi-automatic methods to edit and correct missing items in the Modern Chinese semantic dictionary.

✧ **Main work:** Defining more than 3000 flawed items in the Modern Chinese semantic dictionary. .

◆ **2013.06-2013.09** **Health related automatic information detection in online blog.**

✧ Project description: Design machine learning based methods to detect blogs which contain health-related information.

✧ **Main work:** Conduct feature engineering method in SVM classifier, include authorship information to the detection algorithm.

Selected Publication :

1. Long, Y., Ma, M., Lu, Q., Xiang, R., & Huang, C. R. (2018). Dual Memory Network Model for Biased Product Review Classification. In *Proceedings of the 9th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis* (pp. 140-148).
2. Long, Y., Xiang, R., Lu, Q., Xiong, D., Huang, C. R., Bi, C., & Li, M. (2018). Learning Heterogeneous Network Embedding From Text and Links. *IEEE Access*, *6*, 55850-55860.
3. Li, M., Lu, Q., Xiong, D., & Long, Y. (2018). Phrase embedding learning based on external and internal context with compositionality constraint. *Knowledge-Based Systems*, *152*, 107-116.
4. Long, Y., Qin, L., Xiang, R., Li, M., & Huang, C. R. (2017). A cognition based attention model for sentiment

analysis. In *Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing* (pp. 462-471).

5. Long, Y., Lu, Q., Xiang, R., Li, M., & Huang, C. R. (2017). Fake news detection through multi-perspective speaker profiles. In *Proceedings of the Eighth International Joint Conference on Natural Language Processing (Volume 2: Short Papers)* (Vol. 2, pp. 252-256).
6. Chen, I. H., Long, Y., Lu, Q., & Huang, C. R. (2017). Leveraging Eventive Information for Better Metaphor Detection and Classification. In *Proceedings of the 21st Conference on Computational Natural Language Learning (CoNLL 2017)* (pp. 36-46).
7. Zhao, Q., Huang, C. R., & Long, Y. (2018). Synaesthesia in Chinese: A corpus-based study on gustatory adjectives in Mandarin. *Linguistics*, *56*(5), 1167-1194.
8. Chen, I. H., Zhao, Q., Long, Y., Lu, Q., & Huang, C. R. (2019). Mandarin Chinese Modality Exclusivity Norms, To appeared in Plus One

Awards：

2015.09-2018.12	The Second Award of 2015 China Conference of Machine Learning Contest. Best Paper Award of IALP 2016, Best Paper Award of KSEM 2017.

Profession Service ：

Conference committee	COLING 2016, 2018, CLSW 2016-2018, PACLIC 2016-2018
Reviewer committee	Transactions on Asian and Low-Resource Language Information Processing IEEE Access Expert systems with Application ACM Transactions on Asian Language Information Processing (TALIP)

Personal Skills

- Specialty： Familiar with machine learning models, deep learning models, NLP techniques, Cognition model, Cognitive experiments, and tools. Familiar with Python, embedded system, Linux and shell, Java programming. Familiar with web design.
- English： IELTS 7.0, Proficient in reading and listening, Good at writing and speaking.
- Others： Cantonese

Hobbies

- Others： Reading, Writing, Jogging, Table Tennis, and Video games.