

Frank Z. Xing

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EDUCATION

Nanyang Technological University, 2016 — 2017

- PhD Student in School of Computer Science and Engineering, Research Assistant
- Research Topic: Sentiment Analysis, Natural Language Processing, Financial Forecasting

Peking University, 2011 — 2015

- B.Sc. in Information Systems and B.A. in Economics, Exchanged in City University of Hong Kong
- Research Topic: Natural Language Processing, Machine Learning, Computer Vision

RESEARCH PROJECTS

Natural Language Based Forecasting (NLBF) for Business Analytics, 2015 — 2017
Image Segmentation Survey & Implementation, 2014 — 2015
Irony Detection in Chinese Internet Texts, 2013 — 2014

PUBLICATIONS

F. Z. Xing, E. Cambria, and X. Zou, Predicting Evolving Chaotic Time Series with Fuzzy Neural Networks, *International Joint Conference on Neural Networks (IJCNN)*, Anchorage, 2017.

F. Z. Xing, A Historical Review of Forty Years of Research on CMAC, *CoRR abs/1702.02277*, 2017.

F. Z. Xing, E. Cambria, W.-B. Huang, and Y. Xu, Weakly supervised semantic segmentation with superpixel embedding, *IEEE International Conference on Image Processing (ICIP)*, Phoenix, 2016, pp. 1269-1273.

F. Z. Xing, and Y. Xu, A Logistic Regression Model of Irony Detection in Chinese Internet Texts, *Research in Computing Science*, vol. 90, 2015, pp. 239-249.

ACTIVITIES

Participant, *Winter School on Complexity Science*, Nanyang Tech. University 2017
Student Member, *Computational Intelligence Society*, IEEE Singapore Section 2016
Invited Talk, *Stock Market Prediction: What and How*, Nanyang Tech. University 2016
Poster, *Markov Model Based Suggestions to Collection Development*, Peking University 2014

TEACHING&SERVICE

Tutorial Instructor, *CZ2002 Object Oriented Design & Programming*, Spring 2016
Teaching Assistant, *CZ4034 Introduction to Information Retrieval*, Spring 2016
Reviewer: IEEE CIM, TAC, Elsevier KBS, IP&M, Springer CogComp; IJCNN, EMNLP
PC Member: SENTIRE ICDM 2016,

HONORS&AWARDS

Research Scholarship Award, *Temasek Laboratories@NTU*, 2016
Outstanding Graduation Thesis, *Peking University*, 2015
The May Fourth Scholarship and Merit Student, *Peking University*, 2013
Wang Jin-Yun Scholarship, *Wuhan No. 2 High School*, 2011

SKILLS

- Proficient with Python, MATLAB, TeX; Experienced with SAS, HTML, SQL; Know Java

- Fluent in Chinese (*Mandarin, Cantonese and Hokkien*) and English; Learning Russian (*чумь-чумь*) and Dutch (*niet veel*)
- I hold a driving license (C1) of China, P. R.
- I play clarinet (CM von Weber is my favorite) and ukulele; Also a modest waltz dancer

REFERENCE

Prof. Yang Xu,
Department of Information Management, Peking University, *Email: yang.xu@pku.edu.cn*

Prof. Erik Cambria,
School of Computer Science and Engineering, Nanyang Tech. University, *Email: cambria@ntu.edu.sg*

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