DENG CAI (蔡登)

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RESEARCH INTERESTS

Broad interests in machine learning, deep learning.
Currently and previously work on deep learning for natural language processing.

EDUCATION

Master of Science in Computer Science   Sept, 2015 — Mar, 2018 (expected)
Shanghai Jiao Tong University   Shanghai, China

Bachelor of Science in Computer Science   Sept, 2011 — Jul, 2015
Xiamen University (GPA 3.54, Rank 7/102)   Xiamen, China

ACADEMIC EXPERIENCE

Research intern, Tencent AI Lab   Feb, 2017 — Now.
Mentor: Dr. Xiaojiang Liu

Research assistant, NLP group, Shanghai Jiao Tong University   2015—2016
Advisor: Prof. Hai Zhao

PUBLICATIONS

Deng Cai and Hai Zhao. Fast and Accurate Neural Word Segmentation. In Proceeding of the 55th Annual Meeting of the Association for Computational Linguistics, 2017.(**ACL 2017**) (To appear)

Deng Cai*, Hai Zhao*, Yang Xin, Yuzhu Wang and Zhongye Jia. A hybrid Model for Chinese Spelling Check. ACM Transactions on Asian and Low-Resource Language Information Processing, 2017. (*: equal contribution) (**TALLIP 2017**)

Deng Cai and Hai Zhao. Neural Word Segmentation Learning for Chinese. In Proceeding of the 54nd Annual Meeting of the Association for Computational Linguistics, Berlin, Germany, August 2016. (**ACL 2016**) (**Full oral paper**)

AWARDS & HONORS (SELECTED)

National Scholarship for Graduate Students (top 2% nationwide)   2016
Excellent Undergraduate Thesis Award   2015
Dean's List. School of Information Science and Engineering, Xiamen University   2014
First-class Scholarship of Xiamen University   2014, 2013, 2012

Gold Medal, The 5-th Fujian Provincial University Programming Contest   2014
Bronze Medal, **ACM-ICPC** Asia Regional Programming Contest (Changsha)   2013

SERVICES

Conference reviewer   COLING 2016, EACL 2017, ACL 2017
Organization member   The 29th Pacific Asia Conf. on Language, Information and Computation
Teach assistant   course *thinking and methods in programming* at SJTU, 2015 fall

SKILLS

Programming Languages   Python, C/C++, Java, PHP, SQL.
Toolkits   TensorFlow*, Dynet*, Theano, Git, LaTeX. (*contributor)