

# DENG CAI (蔡登)

Department of Computer Science and Engineering, Shanghai Jiao Tong University

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## RESEARCH INTERESTS

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

## EDUCATION

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Master of Science in Computer Science Shanghai Jiao Tong University	Sept, 2015 — Mar, 2018 (expected) Shanghai, China
Bachelor of Science in Computer Science Xiamen University (GPA 3.54, Rank 7/102)	Sept, 2011 — Jul, 2015 Xiamen, China

## ACADEMIC EXPERIENCE

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Research assistant, Singapore University of Technology and Design Advisor: Prof. Yue Zhang	July, 2017 — Now. Singapore
Research intern, Tencent AI Lab Mentor: Dr. Xiaojiang Liu	Feb, 2017 — June, 2017 Shenzhen, China
Research assistant, NLP group, Shanghai Jiao Tong University Advisor: Prof. Hai Zhao	2015—2016 Shanghai, China

## PUBLICATIONS

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**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)

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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

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PC member/reviewer	COLING 2016, EACL 2017, ACL 2017, IJCNLP2017
Organization member	The 29th Pacific Asia Conf. on Language, Information and Computation
Teach assistant	course <i>thinking and methods in programming</i> at SJTU, 2015 fall

## SKILLS

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Programming Languages	Python, C/C++, Java, PHP, SQL.
Toolkits	TensorFlow*, Dynet*, Theano, Git, L <sup>A</sup> T <sub>E</sub> X. (*contributor)