

Yitong LI

Curriculum Vitae

School of Computing and Information Systems
The University of Melbourne, Victoria 3010, Australia

☎ (+61) 452-537-911

✉ yitongli4@student.unimelb.edu.au

🏠 homepage



EDUCATION

- Oct.2015 – Oct.2019 (Expected) **Ph.D Student of Engineering**, *School of Computing and Information Systems*, The University of Melbourne, Victoria, Australia.
- Sept.2011 – Jul.2015 **B.S. in Engineering**, *Computer Science and Technology (SJTU ACM Class)*, Zhiyuan College, Shanghai Jiao Tong University, Shanghai, China.

EXPERIENCE

PROFESSIONAL

- 2017 – 2018 **Student Representative**, *Australasian Language Technology Association*.
- Nov.2015 – Present **Research Student**, *School of Computing and Information Systems*, The University of Melbourne, Victoria, Australia.
- Aug.2014 – Feb.2015 **Full-time Internship, Research Assistant**, *Visual Computing Group*, Microsoft Research Asia, Beijing, China.
 - Mentor: Lead Researcher Lu Yuan
 - Award: *Stars of Tomorrow Internship Program*
 - *Whiteboard and Document Detection* (Co-operated with Researcher Jiangyu Liu)
Product transfer: Office Lens
 - *Denoising and Beautification for Burst Camera Selfies on Smartphone*
- Jun.2014 – Aug.2014 **Visiting Student**, *Department of Computer Science*, Cornell University.
 - Invited and instructed by Prof. John E. Hopcroft
 - *Semi-definite Programming Problem*
 - *Programming Language and Logic*: instructed by Prof. David Gries
- Jun.2012 – Oct.2015 **Research Student**, *Center for Brain-like Computing and Machine Intelligence*, SJTU.
 - Supervisor: A/Prof. Hai Zhao
 - *NLP (Machine Translation, Text Classification)*
- Spring Semester, 2014 **Teaching Assistant**, *Set Theory and Logic for Computing Science*.
 - Lecturer: Prof. Enshao Shen
 - Office hours and paper correction.

MISCELLANEOUS

- 2008 – 2015 **Membership**, *China Red Cross*.
- 18th – 24th Aug.2013 **Internship**, *7 day Global Finance Internship Program*, FXCM ASIA LIMITED, Hong Kong.

PUBLICATIONS

CONFERENCE PAPER

- 2017 **Li, Yitong**, Trevor Cohn and Timothy Baldwin (to appear) BIBI System Description: Building with CNNs and Breaking with Deep Reinforcement Learning, In *Proceedings of the EMNLP 2017 Workshop on Building Linguistically Generalizable NLP Systems (BLGNLP 2017)*, Copenhagen, Denmark.
- Li, Yitong**, Trevor Cohn and Timothy Baldwin. Robust Training under Linguistic Adversity, In *Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2017, short paper)*, Valencia, Spain, pp. 21–27
- 2016 S. Shivashankar, **Yitong Li** and Afshin Rahimi. Filter and Match Approach to Pair-wise Web URI Linking. In *Proceedings of the Australasian Language Technology Association Workshop 2016 (ALTA 2016)*, Melbourne, Australia, pp. 181–185
- Li, Yitong**, Trevor Cohn and Timothy Baldwin. Learning Robust Representations of Text, In *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP 2016)*, Austin, Texas, USA, pp. 1979–1985
- Hoogeveen, Doris, **Yitong Li**, Huizhi Liang, Bahar Salehi, Timothy Baldwin and Long Duong. UniMelb at SemEval-2016 Task 3: Identifying Similar Questions by Combining a CNN with String Similarity Measures. In *Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval 2016)*, San Diego, USA, pp. 776–781.

- 2015 **Li, Yitong**, Rui Wang, Hai Zhao. A Machine Learning Method to Distinguish Machine Translation from Human Translation. In *Proceedings of the 29th Pacific Asia Conference on Language, Information and Computation: Posters (PACLIC 2015)*, pp. 354–360

MISCELLANEOUS ISSUES

- 2015 **Li, Yitong**. 《毕业感悟》. 《致远毕业纪念册》, Shanghai Jiao Tong University Press
Li, Yitong. 《致远之于我》. 《致远逐梦》, pages 221–223, isbn 978-7-313-10936-1, Shanghai Jiao Tong University Press
2011 **Li, Yitong**. 《我的故事》. 《携手·上海交通大学ACM班十年风雨路》, isbn 978-7-313-08536-8, Shanghai Jiao Tong University Press

HONORS & AWARDS

- Mar.2017 Conference Travel Scholarships, The University of Melbourne
Mar.2017 1st Place, Jane Street ETC Melbourne
Oct.2016 Google PhD Travel Scholarship, Google
May 2016 3rd Place, Melbourne Data Science Student Challenge
Mar.2016 1st Place, Microsoft College Code Competition Melbourne
Nov.2015 Melbourne Research Scholarship, The University of Melbourne
Jun.2015 Honor of Meeting the Academic Requirements of Zhiyuan College (Top Honor for SJTU undergraduate students), Shanghai Jiao Tong University
Mar.2015 Stars of Tomorrow Internship Program, MSRA
SJTU Academic Year 2013-2014, 2012-2013 University Scholarship of Shanghai Jiao Tong University (top 10%), SJTU
Nov.2010,2009,2008 1st Prizes, National Olympiad Informatics in Provinces (top 5/1000+), China

SKILLS & PERSONAL INTERESTS

RESEARCH INTERESTS

- Adversarial Learning
- Natural Language Processing (Text classification)
- Computing Vision

PROFESSIONAL SKILLS

- Machine Learning (Deep Learning): TENSORFLOW, DYNET
- Algorithm
- Programming Language: C/C++, C#, JAVA, PYTHON, L^AT_EX, R, MYSQL, VERILOG.

SELECTED PROJECTS

- Self-implemented
 - Library Management System (in C++)
 - Modern Compiler Implementation (A C Language Compiler on SPIM MIPS in JAVA)
 - Operating System Implementation (Nachos Project from UC Berkeley CS162 in JAVA)
 - Fatworm (An SQL-based database system in JAVA)
- Co-operated
 - Semi-definite Programming Problem (Instructed by Prof. John E. Hopcroft, encoding quadratic constraints into low rank semi-definite matrix).
 - Simulated Navigation System (As the team leader, in QT)
 - Simulated CPU (As the main coder, an effective 5-pipeline CPU in VERILOG)
 - Wireless Sensor Network (in C)

HOBBIES

- Music (Fan of classical music)
 - Piano (Tenth Level of Grading Test Certificate)
 - Keyboard (Grade Examination of Musical Level 10 for non-professionals)
 - Trumpet (Located in the Brass Band of School)
 - Guitar, Drums and Harmonica (Personal)