Yitong LI

Curriculum Vitae

Dept of Computing and Information Systems
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⌂ *homepage*

EDUCATION

Oct.2015 – Oct.2019 (Expected)	**Ph.D Student of Engineering**, *Dept 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**, *Dept 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: 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: 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 correcting papers.

MISCELLANEOUS

2008 – Present	**Red Cross Membership**. I have been a well-trained volunteer since middle school.
18th – 24th Aug.2013	**Short-term Internship**, *7 day Global Finance Internship Program*, FXCM ASIA LIMITED, Hong Kong.

PUBLICATIONS

2017	**Li, Yitong**, Trevor Cohn and Timothy Baldwin (2017) 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, Huizhi Liang, Long Duong, **Yitong Li**, Bahar Salehi and Timothy Baldwin. 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   **Yitong Li**, Rui Wang, Hai Zhao. A Machine Learning Method to Distinguish Machine Translation from Human Translation. *The 29th Pacific Asia Conference on Language, Information and Computation: Posters (PACLIC 2015)*, pp. 354–360

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 in Natural Language Processing and Computing Vision
- Text classification

Professional Skills
- Machine Learning (Deep Learning)
- Algorithm
- Programming Language: C/C++, C#, java, python, LaTeX, 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 and S.Ar., in QT)
  - Simulated CPU (As the main coder, an effective 5-pipeline MIPS CPU in Verilog)
  - Wireless Sensor Network (As the algorithm designer, 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)