

YUE WANG

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BRIEF INTRODUCTION

Yue Wang is a fourth-year Ph.D. candidate at The Chinese University of Hong Kong, under the supervision of [Prof. Michael R. Lyu](#) and [Prof. Irwin King](#). His major research interest focuses on understanding the unstructured and informal social media language and automatizing keyphrase generation for them. He is also interested in vision and language understanding and code understanding.

RESEARCH INTERESTS

- In general: Deep Learning, Machine Learning, Natural Language Processing
- **Language Understanding in Social Media**, especially Hashtag Annotation, Keyphrase Generation
- **Vision and Language Understanding**, especially Multimodal Keyphrase Generation, Visual Dialog

EDUCATION

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| The Chinese University of Hong Kong (CUHK) Ph.D. candidate, Computer Science & Engineering Advisor: Prof. Michael R. Lyu & Prof. Irwin King | <i>Shatin, N.T., Hong Kong</i> Aug 2016–Present |
| Sun Yat-sen University (SYSU) B.Sci., Computer Science and Technology (GPA 3.94/4.00, Top 3) Minor in Business Administration | <i>Guangzhou, China</i> Sept 2012–July 2016 Sept 2014–July 2015 |

EXPERIENCE

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| Microsoft Research Asia <u>Research Intern</u> on a distributed LDA system, <i>System Group</i> Advisor: Cheng Chen | <i>Beijing, China</i> Summer 2015 |
| Brigham Young University Visiting Student for a final year project on designing a compiler for Labview, <i>Dept of ECE</i> Advisor: Prof. Brent Nelson (Department Chair) | <i>Utah, USA</i> Spring 2016 |
| Tencent AI Lab <u>Research Intern</u> on keyphrase generation in social media (published in NAACL2019 and ACL2019) Advisor: Prof. Jing Li | <i>Shenzhen, China</i> Summer 2018 |
| Salesforce Research Asia <u>Research Intern</u> on visual dialog using pretrained models (our VD-BERT ranks No. 1 in the leaderboard) Advisor: Prof. Steven Hoi & Prof. Shafiq Rayhan Joty | <i>Singapore</i> Summer 2019 |
| Amazon Web Services <u>Applied Scientist Intern</u> on the AWS Deep Learning team | <i>San Francisco, USA</i> Summer 2020, upcoming |

PUBLICATIONS

- [1] **Yue Wang**, Jing Li, Michael R. Lyu, Irwin King, *Words from Images: Multimodal Keyphrase Generation on Social Media*. (under review of ACL 2020).
- [2] **Yue Wang**, Steven Hoi, Shafiq Rayhan Joty, Michael R. Lyu, Irwin King, *VD-BERT: Vision and Dialog Transformer with BERT for Visual Dialog*. (under review of ACL 2020).
- [3] **Yue Wang**, Jing Li, Hou Pong Chan, Irwin King, Michael R. Lyu, Shuming Shi. *Topic-Aware Neural Keyphrase Generation for Social Media Language*. (ACL 2019), Florence, Italy, 2019.
- [4] **Yue Wang**, Jing Li, Irwin King, Michael R. Lyu, Shuming Shi. *Microblog Hashtag Generation via Encoding Conversation Contexts*. (NAACL-HLT 2019, Oral), Minneapolis, USA, 2019.
- [5] Jian Li, **Yue Wang**, Michael R. Lyu, Irwin King. *Code Completion with Neural Attention and Pointer Networks*. (IJCAI 2018, Oral), Stockholm, Sweden, 2018.
- [6] **Yue Wang**, Zibin Zheng, Michael R. Lyu *Entropy-based Service Selection with Uncertain QoS for Mobile Cloud Computing*. (IEEE CIC 2015), Hangzhou, China, 2015.

SELECTED HONORS

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|---|------------|
| National Scholarship awarded by Ministry of Education, China (Top 1) | 2013 |
| National Endeavor Fellowship awarded by Ministry of Education, China (Top 3) | 2014, 2015 |
| Honorable Mention in Mathematical Contest in Modeling | 2015 |
| Third Prize in the 13th Guangdong Collegiate Programming Contest (ACM-ICPC GDCPC2015) | 2015 |
| Outstanding Graduate Student of Sun Yat-sen University (Top 3) | 2016 |
| CUHK Postgraduate Student Scholarship | 2016–2020 |