

YINPEI DAI

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EDUCATION

Tsinghua University M.S. in Information and Communication Engineering.	Beijing, China 2016.09 - 2019.07
Tsinghua University B.S. in Mathematics and Physics. GPA: 91/100 (rank 10th).	Beijing, China 2012.09 - 2016.07

PUBLICATIONS

In chronological order

- [1]. Wanwei He, **Yinpei Dai**, Yinhe Zheng, Yuchuan Wu, Zheng Cao, et al, “*GALAXY: A Generative Pre-trained Model for Task-Oriented Dialog with Semi-Supervised Learning and Explicit Policy Injection*”, in AAAI 2022
- [2]. **Yinpei Dai**, Hangyu Li, Yongbin Li, Jian Sun, Fei Huang, Luo Si, and Xiaodan Zhu, “*Preview, Attend and Review: Schema-Aware Curriculum Learning for Multi-Domain Dialog State Tracking*”, in ACL-IJCNLP, 2021
- [3]. Bo-Hsiang Tseng, **Yinpei Dai**, Florian Kreyssig, and Bill Byrne. “*Transferable Dialogue Systems and User Simulators*”, in ACL-IJCNLP, 2021
- [4]. Yajing Sun, Yong Shan, Chengguang Tang, Yue Hu, **Yinpei Dai**, Jing Yu, Jian Sun, Fei Huang, and Luo Si, “*Unsupervised Learning of Deterministic Dialogue Structure with Edge-Enhanced Graph Auto-Encoder*”, in AAAI, 2021
- [5]. **Yinpei Dai**, Yichi Zhang, Hong Liu, Zhijian Ou, Yi Huang, and Junlan Feng, “*Elastic CRFs for Open-Ontology Slot Filling*”, in Applied Sciences, 2021
- [6]. **Yinpei Dai**, Hangyu Li, Chengguang Tang, Yongbin Li, Jian Sun, and Xiaodan Zhu, “*Learning Low-Resource End-To-End Goal-Oriented Dialog for Fast and Reliable System Deployment*”, in ACL, 2020
- [7]. Yichi Zhang, **Yinpei Dai**, Zhijian Ou, Huixin Wang, Junlan Feng, “*Improved Learning of Word Embeddings with Word Definitions and Semantic Injection*”, in INTERSPEECH, 2020
- [8]. Lina Rojas-Barahona, Bo-Hsiang Tseng, **Yinpei Dai**, Clare Mansfield, Osman Ramadan, Stefan Ultes, Michael Crawford, and Milica Gašić, “*Deep Learning for Language Understanding of Mental Health Concepts Derived From Cognitive Behavioural Therapy*”, in LOUHI, 2018
- [9]. **Yinpei Dai**, Zhijian Ou, Dawei Ren, and Pengfei Yu, “*Tracking of Enriched Dialog States for Flexible Conversational Information Access*”, in ICASSP, 2018

EXPERIENCE

Alibaba (Beijing) Software Services Co., Ltd Algorithm Engineer II. Focusing on R&D in dialog systems	Beijing, China 2019.07 - present
Speech Processing and Machine Intelligence Lab, Tsinghua University Research Assistant. Supervisor: Prof. Zhijian Ou	Beijing, China 2016.09 - 2019.07
Dialogue Systems Group, University of Cambridge Research Intern. Supervisor: Prof. Milica Gašić (Now at Heinrich Heine University)	Cambridge, UK 2018.06 - 2018.09

HONORS AND AWARDS

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| • First prize of National Scholarship, Tsinghua University | 2014.12 |
| • Samsung Scholarship, Tsinghua University | 2013.12 |

SERVICES

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- Teaching Assistant - 80230652 Spring 2018, 30230742 Spring 2017, 30230672 Fall2017, 30230783 Fall 2016