MINGYUE SHANG

mingyueshang95@gmail.com ⋄ shangmy.github.io

EDUCATION

Northwestern University, U.S.   *September 2019 - December 2020*
M.S. (Expected) in Computer Science
Peking University, China   *September 2016 - July 2019*
M.S. in Data Science
Peking University, China   *September 2012 - July 2016*
B.S. in Computer Science

TECHNICAL SKILLS

Languages: C&C++, PYTHON, JAVA, RUST, C#, JAVASCRIPT, REACT, HTML/CSS, SQL, SHELL
Tools: PYTORCH, TENSORFLOW, KERAS, GIT, MAVEN, ELASTICSEARCH

SELECTED PUBLICATIONS

**Context-to-Session Matching: Utilizing Whole Session for Response Selection
in Information-Seeking Dialogue Systems**   SIGKDD 2020
· Zhenxin Fu, Shaobo Cui, **Mingyue Shang**, Feng Ji, Dongyan Zhao, Haiqing Chen, Rui Yan

Semi-supervised Text Style Transfer: Cross Projection in Latent Space   EMNLP 2019
· **Mingyue Shang**, Piji Li, Zhenxin Fu, Lidong Bing, Dongyan Zhao, Shuming Shi and Rui Yan.

**Find a Reasonable Ending for Stories: Does Logic Relation Help the
Story Cloze Test?**   AAAI 2019
· **Mingyue Shang**, Zhenxin Fu, Hongzhi Yin, Bo Tang, Dongyan Zhao, Rui Yan.

Learning to Converse with Noisy Data: Generation with Calibration   IJCAI 2018
· **Mingyue Shang**, Zhenxin Fu, Nanyun Peng, Yansong Feng, Dongyan Zhao, Rui Yan.

**Get The Point of My Utterance! Learning Towards Effective Responses with
Multi-Head Attention Mechanism**   IJCAI 2018
· Chongyang Tao, Shen Gao, **Mingyue Shang**, Wei Wu, Dongyan Zhao, Rui Yan.

**One "Ruler" for All Languages: Multi-Lingual Dialogue Evaluation with
Adversarial Multi-Task Learning**   IJCAI 2018
· Xiaowei Tong, Zhenxin Fu, **Mingyue Shang**, Dongyan Zhao, Rui Yan.

WORK EXPERIENCE

Amazon Alexa AI, US   *June 2020 - December 2020*
Applied Scientist Intern   *Python, Pytorch*
· Proposing models to solve the Named Entity Recognition (NER) problem in multi-turn open-domain
  conversations. The performance of the models are evaluated by precision, recall and F-1.
· Working on improving the performance of reranking module in the entity linking task in multi-turn
  open-domain conversations. Models are evaluated by P@n and F-1.

Yuanfudao, China   *May 2019 - August 2019*
NLP Research Intern   *Python, Pytorch*

· Constructed a large-scale dataset about math word problems solving.
· Worked on automatic math word problem solving by neural network technologies. Improved the accuracy on a benchmark (math23k) by 5%.

Tencent AI Lab, China   August 2018 - March 2019
NLP Research Intern   *Python, Pytorch*

· Constructed parallel datasets and non-parallel datasets about text style transfer task.
· Proposed semi-supervised text style transfer models and improved the performance by combing the small-scale parallel data with large-scale non-parallel data.

Microsoft, China   April 2018 - August 2018
Algorithm Engineer Intern   *Python, Pytorch, C#*

· Improved on-line automatic text summarization service of Xiaoice by incorporating end-to-end generation-based sentence simplification into extractive document summarization.
· Optimized the quality of the retrieval-based comment service by adding new features to the ranker.

Yuanfudao, China   May 2016 - August 2016
Software Development Engineer Intern   *Java, Spring Boot, Thrift*

· Developed new functions on back-end server to provide online service to users.
· Participated in transferring the architecture of apps from monolithic to micro-services.

Baidu, China   July 2015 - January 2016
Software Development Engineer Intern   *C++, Python, Shell*

· Developed tools to monitor and maintain the stability of online search engine.
· Improved the efficiency of automated tools by optimizing the design of back-end data structure.

HONOR AND AWARDS

Outstanding Graduates, issued by Peking University   *June 2019*
Leo KoGuan Scholarship, issued by Peking University. Awarded to top 5 out of 241   *October 2018*
Merit Student Award, issued by Peking University. Awarded to top 6 out of 48   *October 2018*

ACTIVITIES

- Serve as Program Committee Member for 34rd AAAI Conference on Artificial Intelligence
- Serve as Program Committee Member for EMNLP-IJCNLP 2019
- Serve as Program Committee Member for 57th Annual Meeting of the Association for Computational Linguistics
- Serve as Program Committee Member for 33rd AAAI Conference on Artificial Intelligence