

SHUAICHEN CHANG

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Department of Computer Science and Engineering, The Ohio State University

<https://shuaichenchang.github.io/>

EDUCATION

The Ohio State University

Aug 2017 - Present

Ph.D. student in Computer Science and Engineering

GPA: 3.80/4.0

Fudan University

Sep 2013 - Jun 2017

Bachelor in Computer Science and Technology, Outstanding Student Honor Program

Major GPA: 3.81/4.0

EXPERIENCE

Research/Teaching Assistant, The Ohio State University

Aug 2017 - Present

Advisor: Eric Fosler-Lussier

Working on semantic parsing, i.e. building the connection between structure data (database, map) and natural language text.

Applied Scientist Intern, Amazon Alexa

May 2021 - Aug 2021

Mentor: Vaibhav Kumar, Sunghyun Park, Sungjin Lee

Worked on heterogeneous feature representation pretraining in large-scale conversational AI system.

Research Intern, Pinterest

May 2020 - Aug 2020

Mentor: Supeng Ge, Mao Ye

Developed a unified ads retrieval model on different surfaces, outperformed the production model up to 15% on revenue and 10% on user engagement.

Research and Development Intern, JD.com AI research

May 2018 - Aug 2018

Mentor: Jing Huang, Xiaodong He

Worked on converting natural language question to structured query (SQL) for unseen Database tables.

PUBLICATIONS

ExplainaBoard: An Explainable Leaderboard for NLP

ACL , 2021

*Pengfei Liu, Jinlan Fu, Yang Xiao, Weizhe Yuan, **Shuaichen Chang**, Junqi Dai, Yixin Liu, Zihuiwen Ye, Graham Neubig*

Best Demo Paper

Did You Ask a Good Question? A Cross-Domain Question Intention Classification Benchmark for Text-to-SQL

EMNLP IntEx-SemPar workshop, 2020

*Yusen Zhang, Xiangyu Dong, **Shuaichen Chang**, Tao Yu, Peng Shi, Rui Zhang*

Zero-shot Text-to-SQL Learning with Auxiliary Task

AAAI, 2020

***Shuaichen Chang**, Pengfei Liu, Yun Tang, Jing Huang, Xiaodong He, Bowen Zhou*

Contextualized Non-local Neural Networks for Sequence Learning

AAAI, 2019

*Pengfei Liu, **Shuaichen Chang**, Xuanjing Huang, Jian Tang, Jackie Chi Kit Cheung*

SELECTED AWARDS

Honors Student in Top Talent Undergraduate Training Program, Fudan University

2017

National Scholarship, Ministry of Education of P.R.China	2016
National Scholarship, Ministry of Education of P.R.China	2015
Silver Medal in the ACM-ICPC Asia Regional, ACM-ICPC	2013

PROFESSIONAL SKILLS

Programming Languages	Python, C/C++, Java, JavaScript, SQL
Libraries	Pytorch, TensorFlow, Theano, OpenCV