SHUAICHEN CHANG

Department of Computer Science and Engineering, The Ohio State University

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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: Dr. Eric Fosler-Lussier

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

Research Intern, Pinterest   May 2020 - Aug 2020

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: Dr. Jing Huang, Dr. Xiaodong He

Designed and implemented a system to convert natural language question to structured query generation (SQL) for unseen Database tables.

PUBLICATIONS

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