

Zhao Mingxing

NLP develop intern, 5 days a week

☎ (+86) 188 1086 0130

✉ zhaomingxingDL@gmail.com

📖 <https://igoingdown.github.io/>

🌐 <https://github.com/igoingdown>



Education

2016–2019 **M.S. in Computer Science, State Key Laboratory of Network and Switching Technology**, Beijing University of Posts and Telecommunications, GPA 79/100.

2012–2016 **B.E. in Network Engineering, School of Computer Science**, Beijing University of Posts and Telecommunications, GPA 76/100, **CET6: 536**.

Honors

Dec. 2017 **University-Level Outstanding Student Cadre**, top 1%.

Sep. 2017 **Second Prize**, 14th National Mathematical Contest in Modeling for Graduate Students.

Aug. 2017 **Second Prize**, Microsoft's Beauty of Programming 2017, Rank 2/1118.

Aug. 2017 **Excellence Award**, Baidu & XJTU Big Data Competition, Final phase rank 10/200.

May. 2017 **Momenta's Enterprise Award**, HackPKU 2017 Competition.

Internship

Feb. – Jun. **Software Develop Intern**, TENXCLOUD TECH.

- 2017
 - Develop and deploy distributed tensorflow application using multi cpus and multi gpus in 3 days.
 - Developed a new version of public cloud administration application to manage kubernetes cluster with Beego framework, Golang and Angular JS, from front-end to back-end.

Jun.– Sep. **Software Develop Intern**, MIOJI TECH.

- 2016
 - Developed and maintained web spiders with Python, MySQL and Redis.
 - Understands the difference of HTTP and HTTPS in cracking the target pages' anti-crawler policy.

Projects

May 2016 – **Knowledge-Based Question-Answering with Deep Learning**.

- Present
 - Designed and implemented question-answering system based on deep RL with pytorch.
 - Developed an API server to execute sparql queries against Virtuoso server using JDBC and Spring Boot resulting in query speed increased by 80% compared to old parsing web pages method.
 - Used multiprocessing and asynchronous method resulting in model's training speed increased by 200%.

Apr. – Aug. **Microsoft's Beauty of Programming 2017, Second Prize**.

- 2017
 - Implemented an attentive seq2seq model with copy mechanism using pytorch, ranking 13/1118 in initial phase.
 - Implemented a bot to answer questions about our university using C#, SQL Server, luis and botframework, ranking 2/200 in Final phase.
 - Implemented search engine based on TF-IDF to retrieve information base constructed by a real-time spider.

Publications

Dec. 2017 **A Two-Phase Algorithm for Differentially Private Frequent Subgraph Mining**, Cheng X., Su S., Xu S., Xiong L., Xiao K, **Zhao, M.**, *TKDE, IEEE*.