

Zhipeng. GAO

SOFTWARE ENGINEER · JUNIOR RESEACHER

#67-301, TongXie Community. No.980 Beidi Rd, Changning District, Shanghai, China

☎ (+86) 187-0180-1394 | ✉ beyond_acm@163.com | 🌐 <http://home.ustc.edu.cn/sa614214/> | 📱 beyondacm | 📺 posquit0

“Why stop from this? We can do more !”

Education

USTC(University of Science and Technology Of China)

Hefei, China

M.S. IN SOFTWARE ENGINEERING

Sep. 2014 - Jun. 2017

- 3 Years Courses

HDU(Hangzhou Dianzi University)

Hangzhou, China

B.S. IN ELECTRONIC ENGINEERING

Sep. 2010 - Jun. 2014

- 4 Years Courses

Working Experience

IDMI, National University of Singapore

Singapore

RESEARCHER ASSISTANT AT NUS

Aug. 2015 - May. 2016

- From 2015.08, I was very lucky to become a member of IDMI, National University of Singapore as an research assistant. Under the guidance of Dr.Liqiang(currently a professor in Shandong University), I begin to get in touch with Data Mining & Natural Language Processing.
- During this period, we have implemented prototype of a best answer recommender system based on the QA community. Besides that, we get an article "Data Driven Answer Selection in Community QA System" published on the IEEE Transactions on Knowledge and Data Engineering, the paper we published described the idea behind the system.

Tmaxmall Corp.(Start-up company)

Shanghai, China

ALGORITHM INTERN AT TMAXMALL

Jun. 2016 - Sep. 2016

- After research at NUS ends, I went back to China to start a short internship in a start-up company Tmaxmall(one of the largest corpus sharing platform in China). It feels so exciting to work in a group of young people full of dreams. I quite enjoy the free working style in the start-up companies.
- During these several months, I was mainly worked on data mining, collecting useful data from the internet by employing the web crawler. Besides that, I also helped the company to build the Automatic Evaluation of TM Quality System which has been used by customer online.

Incubation Center, R&D, Fuji Xerox

Yokohama, Japan

SOFTWARE ENGINEER & RESEARCH FELLOWSHIP AT FUJI XEROX

Oct. 2016 - Aug. 2017

- Starting from 2016.10, I was very lucky to get enrolled in the Fuji Xerox Visiting Fellowship Program(FXVFP). This is really an unforgettable experience not only for working context, but also for the life in Japan as well.
- During this period of time, our team has been doing research & engineering work on affective computing, using multimedia data. For more details, my work covers analysis the affective state of a person by using fusion of video and text data.

Projects

Best Answer Selection

NUS, Singapore

MEMBER

Aug. 2015 - May. 2016

- Implemented Best Answer Selection System based on QA community(In our case, we choose Zhihu & Healthtap).
- Publish an article "Data-Driven Answer Selection in Community QA Systems" on IEEE TKDE as co-author.

Automatic Evaluation of TM Quality System

Tmxmall, Shanghai, China

CORE MEMBER

Jun. 2016 - Sep. 2016

- Designing & Building the Automatic Evaluation of TM Quality System, which provide the online service of evaluating tm corpus quality for the customers.

Affective states analysis using multimedia

Fuji xerox, Yokohama, Japan

MEMBER

Oct. 2016 - Aug. 2017

- Implemented real-time facial expression system, which can process face-detection, gender-classification as well as emotion classification in real-time. We can achieve 68% accuracy among 7 emotions (Angry, Disgust, Fear, Happy, Sad, Surprise, Neutra).
- Implemented multi modal for sentiment analysis combining the traditional NLP techs and Deep Learning methods.

Honors & Skills

PROFESSIONAL SKILLS

2015 **Specialized Area**, Natural Language Processing/Data Mining/Recommender System
Programming Language, C/Java/Python/PHP/JS/HTML
Libs & Tools, Keras/Tensorflow/Sklearn/Gensim/Numpy/Pandas

OTHER SKILLS

2015 **English Skills**, Strong ability in reading/writing/speaking, Toelf(90) / GRE(305) / CET-6(507)
Japanese Skills, be able to communicate in daily life, N4 Level

Hobbies

Hobbies **Online Moocs**, I would like to follow the online courses to keep learning and charging
Travelling, Travelling around the world is another dream of mine, not only taking a pic of the beautiful scenery, but also take the experience of the local culture.
Jogging & Swimming, Jogging and Swimming are my favourite sports to keep healthy!

Self-Assessment

Self-Assessment

A COLLABORATE TEAM MEMBER/A FAST-SPEED SELF-LEARNER/AN ENTHUSIASTIC PROGRAMMER

Aug. 2015 - PRESENT

- As a member of a team, good at communicating with others, cooperating with other to finish task together.
- As a self learner, be able find good ways to understand and achieve new skills.
- As a programmer, love to tracking the newest trending in this area, implementing interesting circles.

Prospect

PROSPECTIVE WORK & FUTURE PLAN

PRESENT - FUTURE

- Wish to find jobs relating to Data Mining/Machine Learning/Deep Learning/Natural Language Processing, both industrial work & academic research would be very welcome! If there is a chance, I would also like to pursue a Phd degree in this specific area in the near future!