

Jiaxing Xu

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EDUCATION

Beihang University

Sep 2016 - Jun 2020

Undergraduate Software Engineering

Beijing

- Honors/Awards: Software College 2018 Innovation and Entrepreneurship Scholarship, Software College Excellent Student Leader Award

PUBLICATION

Peiran Yao, Jiaxing Xu, Zhaoyu Wang, Yutao Zhang and Jie Tang. Small-Scale Template-Based Learning to Improve Task-Oriented Dialogue System. In Proceedings of the Twenty-seventh International Joint Conference on Artificial Intelligence (IJCAI'19)(submitted) .

Jiaxing Xu, Xia Gong, Jiawei Guo, Bo Liu and Wenge Rong. Knowledge Aware Neural Response Generation. In Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL'19)(submitted) .

PROFESSIONAL EXPERIENCE

Knowledge Engineering Group, Tsinghua University

Jun 2018 - Present

Intern, advised by Jie Tang

Beijing

- Took part in AMiner dialog system NER and chatbot related work.
- Use BiLSTM-CRF-NER model and LSTM classifier to construct chatbot. An interactive visualized syntax tree help people to define question rules.

Beihang University

Aug 2018 - Sep 2018

Assistant, School of Software

Beijing

- Responsible for the basic direct of ML and Python.
- The course is a primary school course designed to familiarize students with the engineering process and develop a complete project independently.

Jiuyi (Beijing) Information Technology Co., Ltd.

Jun 2017 - Sep 2018

R&D Engineer, Research and Development Department

Beijing

- Leading the research and development of the "Intelligent Interrogation" internship project, mainly responsible for the training of Word2vec and LDA models.
- The project classifies the symptoms in the disease library by machine learning methods, and then recommends the corresponding medication according to the symptoms of different patients.

LEADERSHIP EXPERIENCE

QA System Development

May 2018 - Jul 2018

First Author

Beijing

- Generate answers to different questions using the Seq2seq model.
- Responsible for data processing and model training.

Automatic Generation of Smart Contracts Based on Blockchain and Natural Language Processing

Feb 2018 - May 2018

First Author

Beijing

- 3rd Prize of the 28th Feng Ru Cup Science and Technology Competition
- Responsible for keyword extraction and semantic analysis

Intelligent Interrogation System Based on Natural Language Processing

Jul 2017 - May 2018

First Author

Beijing

- 3rd Prize of the 28th Feng Ru Cup Science and Technology Competition
- Participated in the Beijing University of Aeronautics and Astronautics Innovation and Entrepreneurship Program and received 7500 yuan of research funding
- Responsible for data acquisition and model training

Food QA System

Jun 2017 - Aug 2017

Second Author

Beijing

- 2017 Baidu Star Developers Competition, seventh place
- Building a task-oriented gourmet question answering system using traditional pipeline methods
- Responsible for designing intents and vocabulary in UNIT

Wearable Device Based Emergency Alert System

Jan 2017 - Jun 2017

First Author

Beijing

- Participated in the 4th "Internet +" College Students Innovation and Entrepreneurship Competition
- Obtain the user's heart rate, blood pressure and other data in real time through the wearable device, and alarm when a certain indicator of the user is in an abnormal state.
- Responsible for the specific implementation of the APP and data processing

Community and Organizational Experience

Student Union of Software School

Jul 2017 - Present

Minister

Beijing

- The contact agency cooperates with the company to provide financial support for various activities of the college and to cooperate with other school colleges.
- Participated in the 2017 Amethyst Ten School Ballroom
- Participated in the Microsoft Asia Academy Internship Sharing Session

HP DreamWorks

Jun 2017 - Present

Campus Captain

Beijing

- Hosted the "HP Campus" Campus Engineer Training Program
- Participated in HP product research twice
- Two "HP Service Day" events