Jiaxing Xu

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https://github.com/AngusMonroe

EDUCATION

Beihang University   *Sep 2016 - Jun 2020*
Undergraduate Software Engineering   *Beijing*

- GPA: 3.3 / 4.0 (major GPA 3.4)
- Honors/Awards: Software College 2018 Innovation and Entrepreneurship Scholarship, Software College Excellent Student Leader Award

PROFESSIONAL EXPERIENCE

Knowledge Engineering Group, Tsinghua University   *Jun 2018 - Present*
Intern, advised by Jie Tang   *Beijing*

- Took part in AMiner QA system NER and chatbot related work.
- Use BLSTM-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