

# Jiaxing Xu

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<https://angusmonroe.github.io/>



## 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

## 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**

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##### **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