

Benliang Wang (王本亮)

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EDUCATION

Beijing Institute of Technology	Haidian District, Beijing
<i>Master of Engineer in Computer Technology</i> GPA: 85.0/100	Sep. 2016 - Jun.2018(Anticipated)
Beijing Institute of Technology	Haidian District, Beijing
<i>Bachelor of Science in Electronic Science and Technology</i> GPA: 76.2/100	Sep. 2011 – Jun.2016

EXPERIENCE

Research Assistant & Graduate Student	Jul. 2016 – Now
Beijing Institute of Technology, Professor Kan Li's Group	
<ul style="list-style-type: none">Research on network representation learning and implement corresponding models and test them. The work item was a subsidiary subject of a “973” program.Software engineering on social network analysis platform.	
Research and Development Intern	Jul. 2017 – Now
Microsoft Research Asia	
<ul style="list-style-type: none">Research on multi-turn dialogue system under the supervision of Researcher Jingtian Jiang.Develop the intelligent chat bot EDI (Enterprise Deep Intelligence system).	
Data Mining Intern	Apr. 2016 – June. 2016
Xuexibao Inc.	
<ul style="list-style-type: none">Develop crawlers to get data about online education. Clean and save data to mongodb.Reconstruct old projects with Python.	
Data Mining Intern	Dec. 2015 – May. 2016
Henzan Inc.	
<ul style="list-style-type: none">Implement recommendation system with collaborative filtering algorithm.Data processing and test machine learning algorithms related to images.	

PROJECTS

- Enterprise Deep Intelligence system(EDI)** Jul. 2017 – Now
EDI is a Task-Oriented Chat Bot and a research prototype deployed internally. It can answer staff's business-related questions, help staff schedule meetings and set reminders. All the task requests are invoked by natural language. I own these features in my team:
 - Research on multi-turn dialogue solution and try to use them in our product.
 - Develop automatic question answering module. Questions are domain-related.
 - Start to research on entity linking recently.
- Social Network Analysis System** Dec.2016 – Now
The function of the system includes how to represent social network, information propagation, influence maximization and data visualization.
 - Leader of the development team. Design the architecture of the project.
 - Research on Network Representation Learning and implement algorithms.
 - Build web application with Java. Build a distributed machine learning platform with Spark.

- **Distributed Crawling System**

Mar. 2016 – May. 2016

The project is used to hunting data from a series of websites related to education resource. My system includes Anti “anti-crawler rules” Module and Verification Code Recognition Module.

- Owner of the project.
- Develop with Python and libraries like bs4, PIL(Python Image Library), Pytesser and Twisted.

- **Teaching & Experiment Management System**

Feb. 2015 – Apr. 2015

The system includes a curricula-variable management system, an online judge system (For students’ assignment) and some functions of Office Automation System like schedule an experiment.

- Owner of the project. Develop with Python.
- The system served 400 users for two years.

ENGLISH PROFICIENCY

- *TOELF-iBT*

Test Date	Reading	Listening	Speaking	Writing	Total
Oct 14th, 2017	23	18	17	19	77

- I am preparing for next *TOELF test* on *Nov. 11th*.

REWARDS

- Academic Scholarships

Dec. 2016

SKILLS

- Programming Language: Python, Java, C/C++, C#, Lisp
- Others: Linux, Tensorflow, Django, MySQL, MongoDB, Hadoop, Spark.

REFEREES

- **Kan Li**, Professor at Beijing Institute of Technology, Department Computer Science and Technology
 - Email: likan@bit.edu.cn
- **Jingtian Jiang**, Researcher at Microsoft Research Asia, Big Data Mining Group
 - Email: jijj@microsoft.com