

# Benliang Wang (王本亮)

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## EDUCATION

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<b>Beijing Institute of Technology</b>	Haidian District, Beijing
<i>Master of Engineer in Computer Technology</i> GPA: 85.0/100	Sep. 2016 - Jun.2018(Anticipated)
<b>Beijing Institute of Technology</b>	Haidian District, Beijing
<i>Bachelor of Science in Electronic Science and Technology</i> GPA: 76.2/100	Sep. 2012 – Jun.2016

## EXPERIENCE

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<b>Research Assistant &amp; Graduate Student</b>	Jul. 2016 – Now
Beijing Institute of Technology, Professor Kan Li's Group	
<ul style="list-style-type: none"><li>Research on network representation learning and implement corresponding models and test them. The work item was a subsidiary subject of a “973” program.</li><li>Software engineering on social network analysis platform.</li></ul>	
<b>Research and Development Intern</b>	Jul. 2017 – Jan. 2018
Microsoft Research Asia	
<ul style="list-style-type: none"><li>Research on multi-turn dialogue system under the supervision of Researcher Jingtian Jiang.</li><li>Develop the intelligent chat bot EDI (Enterprise Deep Intelligence system).</li></ul>	
<b>Data Mining Intern</b>	Apr. 2016 – June. 2016
Xuexibao Inc.	
<ul style="list-style-type: none"><li>Develop crawlers to get data about online education. Clean and save data to mongodb.</li><li>Reconstruct finished projects with Python.</li></ul>	
<b>Data Mining Intern</b>	Dec. 2015 – Mar. 2016
Henzan Inc.	
<ul style="list-style-type: none"><li>Implement recommendation system with collaborative filtering algorithm.</li><li>Data processing and test machine learning algorithms related to images.</li></ul>	

## PROJECTS

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- Enterprise Deep Intelligence system(EDI)** Jul. 2017 – Nov. 2018  
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.
- Social Network Analysis System** Dec.2016 – Nov. 2017  
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

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- *TOELF-iBT*

Test Date	Reading	Listening	Speaking	Writing	Total
Nov 11th, 2017	25	26	18	21	90

## REWARDS

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- Academic Scholarships

Dec. 2016

## SKILLS

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

## REFEREES

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- **Kan Li**

- Position: Professor
- Institution: School of Computer Science and Technology, Beijing Institute of Technology
- Email: likan@bit.edu.cn

- **Jingtian Jiang**

- Position: Researcher
- Institution: Big Data Mining Group, Microsoft Research Asia
- Email: jijj@microsoft.com