Benliang Wang (王本亮)

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EDUCATION

Beijing Institute of Technology   Haidian District, Beijing

Master of Engineer in Computer Technology   GPA: 85.0/100   Sep. 2016 - Jun.2018(Anticipated)

Beijing Institute of Technology   Haidian District, Beijing

Bachelor of Science in Electronic Science and Technology   GPA: 76.2/100   Sep. 2012 – Jun.2016

EXPERIENCE

Research Assistant & Graduate Student   Jul. 2016 – Now

Beijing Institute of Technology, Professor Kan Li's Group

- 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 – Jan. 2018

Microsoft Research Asia

- 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.

- Develop crawlers to get data about online education. Clean and save data to mongodb.
- Reconstruct finished projects with Python.

Data Mining Intern   Dec. 2015 – Mar. 2016

Henzan Inc.

- 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 – Nov. 2017

  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

- *TOEFL-iBT*

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

REWARDS

- Academic Scholarships   Dec. 2016

SKILLS

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

REFEREES

- **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: jiji@microsoft.com