# JIE LIU (86) 135-2167-2304

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#### **EDUCATION**

## Beijing University of Posts and Telecommunications

- 2012.09 2016.06, Bachelor of Engineering in Computer Science
- Major in Computer Science and Technology

#### EXPERIENCE

### Full-time Job in Bytedance.Inc

- Time&Place: 2016.07 2017.04, Beijing
- Team&Title: the Web Architecture & Infrastructure team, back-end R&D
- Description: participated in the Toutiao Compute Engine project. 1.built up and maintained Kubernetes clusters (with over 1000 machines); 2.developed intermediary services to operate TCE clusters; 3.developed intermediary services to access and manage applications running on TCE clusters; 4.developed the TCE platform site, mainly the back-end part
- Technologies used: Kubernetes, Docker, Etcd, Ansible, Go-Machinery, Django

## Internship in Baidu.Inc

- Time&Place: 2014.12 2015.06, Beijing
- Team&Title: the Department of Web Data Mining, algorithm R&D intern
- Description: developed web page classification models. 1.processed web pages and summarized web page features; 2.built primary classification models with artificial strategies; 3.optimized the classification models via machine learning trainings
- Technologies used: Awk/Sed/Grep, SVM, Max Entropy, GDBT

#### SKILLS

### **Programming Languages**

- Experienced languages: C++, Go, Python
- Competent languages: Shell, Java, JavaScript

## Web Development

- Database: MySQL, Redis, Etcd
- Network: Nginx, Docker Network
- Platform: Django, React

#### Other Technologies

- Systems: Kubernetes Clustering, Etcd Clustering, Dockerhub
- Tools: Systemd, Ansible, Celery, Go-Machinery

#### AWARDS

#### The ACM-ICPC World Finals

• 2016.05, the ACM-ICPC World Final Contest in Phuket, rank: 47/128

#### The ACM-ICPC Asia Regionals

- 2015.12, the ACM-ICPC East-Continent Final Contest in Shanghai, gold medal
- 2015.11, the ACM-ICPC Asia Regional Contest in Beijing, silver medal
- 2014.07, the ACM-ICPC Asia Regional Invitation Contest in Shanghai, silver medal

## **EVALUATION**

## Self-assessment

- Abilities of learning: thinking independently, reading widely
- Teamwork: knowing how to make teamwork efficient, easy-going
- Character: cheerful, passionate, with struggle spirit