卢奇

▬▬ 基本信息

姓名： 卢奇
联系电话： +86 13522921594
电子邮箱： luqi.code@gmail.com

▬▬ 个人经历

2015年7月 - 搜狐北京研究院研发工程师实习。负责Hadoop日志文件分析系统的后端。使
至今 用Ptyhon读取hdfs中Hadoop和Spark的日志文件，然后分析处理数据成前端可用
的方式，然后将数据存储到数据库中。这个项目用到了Hbase和MySQL存储数
据，用到rabbitmq和celery分布式处理任务。

▬▬ 获奖经历

2014 2014年微软编程之美总决赛Top10。
2014 ACM/ICPC山东省省赛亚军
2013 ACM/ICPC亚洲区预赛铜牌2枚。
2013 ACM/ICPC亚洲区域赛邀请赛银牌一枚。

▬▬ 项目经验

电影推荐系 电影数据来自豆瓣网，使用Python编写爬虫爬取数据并建立成文档，然后通过
统研究 住成分分析得到文档的特征向量，之后进行聚类分析对文本进行分类，最后根
据目标用户的特征向量进行推荐，采用的是基于内容的推荐算法。
连锁酒店选 在2014年微软编程之美决赛中，我们团队做的应用是连锁酒店选址应用。主要
址应用 采用了主成分分析，聚类分析，和模拟退火算法等。利用Bing Map和Windows
Azure对应用进行展示，最终获得单项第二名的成绩。

▬▬ 教育经历

2016应届生 山东大学本科，软件工程专业。

▬▬ 个人能力

1. 能够较为熟练的使用Java，C++和Python，对于基础的算法掌握比较扎实。
2. 学习新知识的能力比较强，并且拥有一定的快速分析问题和解决问题的能力。
3. 良好的英语听说能力，善于与人沟通，能够清楚的表达自己的观点。

Qi Lu

Basic Info

Name:	Qi Lu
Telephone:	+86 13522921594
Email:	luqi.code@gmail.com

Personal Experience

July 2015 - Present Software Engineer intern, Sohu, Beijing. Maintainer of Job History Analyzer Application backend. Use Python to get the Hadoop and Spark jobhistory, then analyze the history and send the processed data to front end. Use Hbase, MySQL to store the data, and rabbitmq + celery to handle tasks.

Awards

2014 Top 10 out of the 18000+ player in the 2014 Microsoft Beauty of Programming.

2014 Second Place in Shandong Provincial Collegiate Programming Contest.

2013 Two Bronze Medals in the ACM/ICPC Asia Regional Contest.

2013 Silver Medal in the ACM/ICPC National Invitational Contest.

Project Experience

2015 Movie Recommendation System Based on Content. Write a python spider to crawl the movie data from Douban.com. Do Chinese word segmentation and sentiment analysis to process the data. Use principal component analysis and hierarchical clustering to analyse the data. Use content-based recommendation algorithm to get recommendation.

2014 Hotel Site Selection Application, 2014 Microsoft Beauty of Programming contest final round project. The data is Yangzhou city real data. We develop an application to help hotel manager to find a place to build the hotel.We use principal component analysis, cluster analysis, and simulated annealing. And the application is built on Windows Azure. Got the second place in the contest, and I was in charge of analyzing the data and implement simulated annealing algorithm.

Eduction

Undergraduate Software Engineering, Shandong University, Bachelor, Shandong, China.

Skills

1. Have strong ability in Java, C/C++ and Python. Love and know most of basic algorithms.

2. Own basic communication skills, can express ideas clearly.
3. Analyze problems and find out solutions rapidly.
4. Have excellent self-learning ability, easy to get started in new technology.