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Lv Xuhong

DataMining/java Engineer

Education

EDUCATION

2010 ~ 2014

FuZhou University

Computer Science and Application(Bachelor's degree,top 5%)

2014 ~ 2017

University of Chinese Academic Science

Computer Science and Application(Master's degree,top 20%)

Language

LANGUAGE

CET-4 553

CET-6 464

Experience

EXPERIENCE

360 Search Division 2016.06 ~ present

data mining(internship)

- Using **Hadoop** computing platform, crawling millions of news pages, extract the text and word segmentation
- Use mllib Spark library **LDA** to extract news topics
- Using **GMMs** and **KMeans** to cluster the news

Lab

Qinghai Lake analysis system

- Visual display, using **dojo**, **arcgis** to show the trajectory of birds data in Qinghai Lake
- Data analysis, analysing birds' habitat selection and home range

Other

News Search Engine

- The system is vertical search for news
- It's built by **Struts 2**,including searching,querying automatically filled,previewing the results,sorting results and generating snippet.

Personal

Movie Recommender System based on

Honor

HONOR

Competition

- 2013.05 First Price in Fujian Contest District in China 'Blue Bridge Cup' Programming Design Contest in C/C++
- 2012.04 First Prize in Fujian Contest District in China Undergraduate Mathematical Contest in Modeling
- 2012.04 Third Price in Mathematical Contest in Modeling of Fuzhou University
- 2012.04 Second Price in Fujian Contest District in China 'Blue Bridge Cup' Programming Design Contest in C/C++

Credit

- 2013.04 Merit Student of FuZhou University
- 2012.04 Merit Student of FuZhou University
- 2015-2016 Merit Student of UCAS

Scholarship

- 2012.10 National Scholarship
- Obtain the first-class scholarship five times and the second-class scholarship once during university

Skills

SKILLS

Data Analysis

data mining

- Knowledge of basic algorithms about data mining
- Experience in **Hadoop** and **Spark**
- Learn some online classes about machine learning in Coursera or Udacity,and write some programe such as kernel k-means、apriori、GMMs

Web Development

web frontend

- Knowledge of **HTML**,**CSS**,able to write basic layout and animation
- Able to use the library or frame of Javascript such as **jQuery**,**Dojo**,**Arcgis**,**D3** etc
- Experience in **NodeJs**,**Gulp**,**Jade**,**Less**,**Hexo**

web backend

- Able to use framework Servlet、Struts、Spring、iBatis,Able to exploit SSI to build Web system
- Experience in MySQL

practice

- Sanjiangyuan Geographic Information

Mahout

- ⚙ The system is built by **SSI**
- ⚙ It contains different recommender methods, including content based, demographic information based and self-adaption mixture recommender through modifying Mahout
- ⚙ To ensure real-time recommendation, the system first caches the results and then updates them timely by combining **quartz** with spring

System(Dojo, Arcgis)

- ★ Campus Card Management System based on SSI(struts, spring, ibatis)
- ★ TimeSchedule about job hunting(NodeJs, Gulp, Jade, timeschedule.js)
- ★ Personal blog(NodeJs, Hexo)



Miscellaneous

- ★ Familiar with **C/C++**, able to deal with problems in online judge by using STL library commonly used
- ★ Experience in **Linux**, familiar with command and configuration often used
- ★ Familiar with **R**, understanding the basic grammars
- ★ Able to use **Markdown** to write documents, and **Git** to code management