

Weitao Hou

whuelvis@live.com | 15629144486 | <https://github.com/houweitao>

EDUCATION

WUHAN UNIVERSITY

Master in Computer Science

Sep 2014 - Jul 2017

Ranking: Top 20%

Advisor: Prof. Donghong Ji

WUHAN UNIVERSITY

Bachelor in Computer Science

Sep 2010 - Jul 2014

Ranking: Top 10%

SKILLS

PROGRAMMING

Java • C • C#

OPERATING SYSTEMS

Windows • Linux • Mac OSX

OTHERS

MySQL • Git • Redis

ElasticSearch • Mina

COURSEWORK

GRADUATE

Advanced Algorithm Design

Distributed Computing

Technology

Data Warehouse and Data Mining

UNDERGRADUATE

Data Structure

Programming in C

Programming in Java

Computer Networks

INTERNSHIP

BEIJING MUDAN COMPANY WUHAN BRANCH Jun 2015 - Jan 2016

MUDAN PUBLIC OPINION MONITOR SYSTEM

The system monitors the public opinions by analyzing hot issues from text data collected from 160,000 information and 300,000 search sources.

- Implemented a crawler in Java, including cracking verification codes and removing duplicate urls
- Implemented a multi-threading crawlers with Linux clusters
- Use Redis to implement message queue to synchronize multiple threads
- Use GitHub for version control

BEIJING MUDAN COMPANY WUHAN BRANCH Feb 2016 - Mar 2016

INFORMATION SOURCE MANAGEMENT WEBSITE

This project aims at finding potential ineffective information sources by analyzing log files, and presenting the results to test engineers so that they can manage and modify the information source database accordingly.

- Implemented a log analyzer in Java
- Implemented basic operations in MySQL to help manage the database
- Use Spring+Struts2 to establish and maintain the website
- Use Excel to present the results

STATE KEY LAB OF SOFTWARE ENGINEERING Oct 2014 - Jan 2015

WEBSITE FOR DEPT. OF ECONOMICS, HUBEI POLYTECHNIC INST.

Administrators use the website to publish information, which will be presented in a user-friendly way to the faculty and students.

- Developed backend with Struts2+Servlet
- Implemented functions like user access control, MySQL injection protect, and invalid string filter

AWARDS

Scholarship of Wuhan University 2012, 2013, 2014, 2015

Second Prize, E-ming Cup Programming Contest, Wuhan University 2013

Runner-up, Tengfei Cup Basketball Game, Wuhan University 2015

Third Prize, Display Board Contest and Photography Contest 2010, 2011