Cheng Chen

Curriculum Vitae

"He who does not have a strong will can never achieve high intelligence" - Mo-tse

Education

2011.9
Masters of Computer Science and Technology, *Beijing University of Posts and Telecommunications*.

2007.9-2011.7
Bachelor of Computer Science and Technology, *Beijing University of Posts and Telecommunications*.

Experience

Internship

2011.5-2012.2
Intern Developer in Test, *Baidu Inc.*, Baidu Image Test.

Baidu Image Test team is in charge to test related to the front end and the back end of th Image search engine.

- Took charge of the Testing of **Baidu wallpaper app**, participated throughout design, development, testing and deployment.
- Took charge of the Testing of **Baidu tuqu**, participated throughout design, testing.
- Developed the web test automation framework : Nuke, with Ruby and Watir.
- Promoted the nuke to NSQA, combine the nuke with Hudson, realized the real-time monitoring of the web page online and the regression testing after the code is submitted .

2012.5-2013.3
Intern Developer , *Alibaba cloud Inc.*, The recommendation team of the search department.

The team is in charge to the data processing and data mining of the logs of search and recommendation service.

- Took charge of the **The new data statistics platform**, participated throughout design, development, testing.
- Took charge of the Testing of **Data monitoring platform**, participated throughout design, development, testing.
- Developed the Map-Reduce Program based on the Feitian.

Projects

2012.2-Present
A Vehicle Scheduling solution based on Multi-objective optimization algorithm, *Team Leader*.

Research on the actual demand of the vehicle scheduling problem, design the corresponding model, and implement the algorithm based on Multi-objective optimization algorithmusing c++ and STL.

- As team leader, design the new underlying architechture.
- Developed several modules.

2010.6-2010.7	**DNS Relay Server**, *Team Leader*.
	Design and Implement a DNS Relay Server software by analyzing DNS protocol using C++ programming language and knowledge of socket
	○ Lead in project design, developed the simple DNS server.
2009.3-2009.6	**imitated travel inquiry system**, *Participator*.
	There are three kinds of transportation between cities (automobiles, trains, and planes)ïïjŇ a passager requested to the system for travel. system design a travel route for him.
	○ Participate in system design, and developed `pathfinding algorithm` modules, C++ are used.

Computer Skills

Development

Language	`Python`[1], `C`[2], `C++`[1],`PHP`[3],`Shell/Bash`[2], `Ruby`[2]
Framework	`django`[2], `rails`[3]
Web	`HTML/XHTML`[2], `CSS`[3]
Database	`MySQL`[2], `HBase`[2]
Tools	`Hive`[1], `Hudson`[2]
Editing	LATEX[3], `Office`[2], `Vim`[2]
OS	`GNU/Linux(Ubuntu/RHEL/Arch)`[1], `Mac OSX`[2], `Windows`[2]
Web Server	`Apache`[2], `lighttpd`[3]
Code Management	`Git`[3], `SVN`[1]

Honor and Awards

Honors

2011, 2012	BUPT **Second Class Scholarship**
2010	BUPT **Third Class Scholarship**
2010	BUPT **Excellent league member**
2009	BUPT **Excellent Student Cadre**

Languages

English	**CET-6 439**
English	**CET-6 514**

Interests

- Photography
- Cooking
- Running
- Reading

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[1]Familiar
[2]Less familier
[3]Learn about basic usage
[4]Beijing University of Posts and Telecommunications