Cheng Chen

Curriculum Vitae

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

2012.5-2013.3

Intern Developer , *Alibaba cloud Inc.*, The recommendation team of the search department.
- Took charge of the **data statistics platform and data monitoring platform**, participated throughout design, development, testing.
- Developed the Map-Reduce Program based on the Feitian.

2013.6-2013.9

Intern Developer , *Alimama Inc.*, The technical team of display advertising.
- Took charge of the improvement of the Advertising algorithm.

School 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 and developed several modules.

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.

Individual Projects

2012.6

Movie recommender system using Collaborative filtering algorithm .

Implements the algorithm of user-based CF and Item-based CF, using the GroupLens data provided by GroupLens to evaluate.
- The system is developed in python. With the 100w training data, the accuracy rate can reach 25%
- github: https://github.com/iamccme/recommend-CF

2013.5

Text classifier based on naive bayes.
- The text classifier is developed in C++, the accuracy rate can reach 55%
- github: https://github.com/iamccme/my-naive-bayes-classifier

2013.4-2013.5 **Emotional analyzer of weibo content**.

Cooperate with others to complete, in charge of the extension and mark of the emotional words.

- The analyzer is developed in JAVA. The training data is downloaded from pameng, the used tokenizer is NLPIR, the used machine learning module is weka, the index of the weibo content is build by lucene.
- github: https://github.com/iamccme/weibo-mining

Computer Skills

Development

Language	Python^1, C^2, C++^{1},PHP^3,Shell/Bash^2, Ruby^2
Framework	django^2, rails^3
Database	MySQL^2, HBase^2
Tools	Hive^1, Hudson^2
Editing	LaTeX^3, Office^2, Vim^2
Code Management	Git^3, SVN^1

Honor and Awards

Honors

2013	BUPT **First Class Scholarship**
2011, 2012	BUPT **Second Class Scholarship**
2010	BUPT **Excellent league member**
2009	BUPT **Excellent Student Cadre**

Languages

English	**CET-6 439**
English	**CET-4 514**

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