

Yihong Chen

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Education

2013

Computer Science, University at Buffalo, PhD.

Major GPA: 3.63

2009

2011

Software Engineering, Beijing Institute of Technology, Master.

Major GPA: 3.29

2004

2008

Electrical Engineering and Automation, North China Institute of Science and Technology, Bachelor.

Major GPA: 3.00

Project & Research Experience

2014

Project of Introduction to Operating Systems, Implement large part of a POSIX-compliant kernel.

2013

2014

Project of Machine Learning and Advanced Machine Learning, Learn some classic algorithms.

2011

Studying the Topic of Extracting Attributes and Their Values of Domain Objects, Research Proposal for Master degree.

2010

Theory and Method to Ontology Learning Field about Chinese Text, Cooperate with team and maintain old projects, Funded by National Natural Science Foundation of China.

2009

2011

Lab Work, Hold weekly meeting, organize thesis defense, manage internal codes, repositories, servers and other resources.

Programming Skills

Languages

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|--------------------|--|------------|---|
| C | Implement all Harvard OS/161 assignments | Shell | Love command line tools, my github shell repository |
| Java | Wrote more than 10,000 lines of Java, and all problems of LeetCode | Lisp | Very familiar with Emacs Lisp and Common Lisp |
| Regular Expression | Use regex fluently in various languages | JavaScript | Familiar with JavaScript, wrote more than 6 bookmarklets |
| Other | Lua, wrote plugins for Goolge Pinyin PHP, customize Wordpress | Other | Matlab, Machine Learning projects L ^A T _E X, in daily usage |

Tools

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|---------|---|-------|--------------------------------------|
| Editors | Vim and Emacs in daily usage Familiar with Sublime, Atom | Shell | tmux, sed, ag and awk in daily usage |
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Languages

Chinese **Native**
English **Fluent**

Mother Tongue
Daily practice, conferences given in English