

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

2015

Structuring Uncertainty Using the maybe Statement.

2014

Flexible and Effective Smartphone Energy Management Using Jouler.

2015

2013

2014

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

2014

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

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.

Programming Skills

Languages

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

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