

# Yihong Chen

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## Education

2013

**Computer Science, University at Buffalo, PhD.**

Major GPA: 3.52

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

C	Implement all Harvard OS/161 assignments
Java	Wrote 7 entire Java projects and several open source packages
Regular Expression	Use regex fluently in various languages
Other	Lua, wrote plugins for Google Pinyin PHP, customize Wordpress

Shell	Love command line tools, my github shell repository
Lisp	Very familiar with Emacs Lisp and Common Lisp
JavaScript	Familiar with javascript, wrote more than 5 bookmarklets
Other	Matlab, Machine Learning projects L <sup>A</sup> T <sub>E</sub> 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

## Languages

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

*Mother Tongue*  
*Daily practice, conferences given in English*