Yihong Chen

resume title

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Less is More

Education

2013

Computer Science, *University at Buffalo*, PhD.

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

Research Experience

2011

Research Proposal.
Studying the Topic of Extracting Attributes and Their Values of Domain Objects

- Collect the seed of attribute and value pair by the semi-structured data from encyclopedia websites
- Construct the described models of object attributes and object attribute values
- Train classifier by the sentences whichcontains the expression of attribute or attribute value
- Extract the attribute or attribute value from the candidate sentences by trained classifier
- Experiment results on three domain show that the algorithm is valid.
- Sources of Data: 3500 Articles concerning computer, military and archaeology.

2010

Theory and Method to Ontology Learning Field about Chinese Text.
Funded by National Natural Science Foundation of China

- Took over projects - Tag the time expressions; Standardize the time expressions.
- Obtained and marked data, responsible for the Maintenance and optimization work.
- Engaged in designing and programming platform of ontology learning field– Chinese free text.
- Achieved software copyright (owned by group member), which showed lab projects to the ordinary by performing in web-page.

2009
2011

Lab Work.
- Held discussion meeting about technical details in Lab
- Gave advice to students involved in thesis proposals
- Organized students to have thesis defense

Programming Skills

Languages

C	Implement all Havard OS/161 assignments	Shell	Love command line tools, my github shell repository
Java	Wrote 7 entire Java projects and several open source packages	Emacs Lisp	Very familiar with Emacs Lisp

| JavaScript | Familiar with javascript, wrote more than 5 bookmarklets | Other Languages | LaTeX in daily usage, I hate Office; Lua, wrote plugins for Goolge Pinyin; PHP, building websites; Matlab, Machine Learning projects |
| Large DataSet | Experience of handle big natural text data, one data set larger than 20GB | | |

Tools

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

▬▬▬ Languages

| Chinese | **Native** | *Mother Tongue* |
| English | **Fluent** | *Daily practice, conferences given in English* |

▬▬▬ Personal interests

| Sports | Jogging |