

Yihong Chen

resume title

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Less is More

Education

2013

Computer Science, *Universit 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 which contains 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 Harvard OS/161 assignments

Java Wrote 7 entire Java projects and several open source packages

Shell Love command line tools, my github shell repository

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**

English **Fluent**

Mother Tongue

Daily practice, conferences given in English

Personal interests

Sports Jogging