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PROFILE

- College student of Zhejiang University; active open source programmer; good knowledge of C, C++, Ruby and Python programming language. Strong interest in agile/XP methodology, TDD/BDD.
- Enthusiastic about technology. Fast learner with a continuing passion.
- Hard-working and self-discipline.

PROGRAMMING EXPERIENCES

- **Keep Discovering Team** March 2007 - Spring 2008
[Nextlib](#): Our (the Keep Discovering Team) goal is to build (with Ruby on Rails) the next generation of personal library: an online service to help people manage growing knowledge and focuses on improving online reading experiences.
- **Google Summer of Code 2008** Spring 2008 - Autumn 2008
[Schemepy](#): It is my project of [Google Summer of Code 2008](#). It is a Python library to embed a Scheme interpreter in you Python code. Various existing native Scheme backends are supported as well as a pure-Python fallback.
[skime](#): It is a Scheme bytecode compiler and interpreter implemented purely in Python, which is a sub-project of Schemepy.
- **Other Open Source Goodies** Spring 2006 - Present
I report bugs and apply patches to some open source softwares from time to time. I also write some open source goodies myself. Here lists some of them:
 - [RMMSeg](#) and [rmmseg-cpp](#): RMMSeg Chinese word segmentation algorithm implementation in Ruby. rmmseg-cpp is a high-performance re-written in C++. They provide full integration with Ferret. [JavaEye](#) use it to improve the accuracy of searching and recommendation. I've also added a python interface to it to build [pymmseg](#) library.
 - [pyppm](#): a PPM (Predict by Partial Matching) implementation for Python. PPM is a high performance compression algorithm that is widely used in many areas (e.g. text classification).
 - [YASnippet](#): The most popular snippet automation extension for GNU Emacs.
 - [sdcv-mode](#): An extension for GNU Emacs to lookup words.
- **School Project** Winter 2005 - Present
I've written various kinds of projects for the school courses as well as helping with laboratory projects. Here are some examples:
 - **MiniSQL** and **KDB**: Relational database engine implementation.

- **Tiny-digg:** The Student Research Traineeship Program project. A digg-like information sharing platform for students.

AWARDS AND PRIZES

- **Third Prize Winner** of the 7th Zhejiang University Programming Contest, 2007.
- **Second Class Academic Scholarship**, Zhejiang University, 2005-2006, 2006-2007 and 2007-2008.

SKILLS

Languages: Ruby (and Ruby on Rails), C, C++, Python, javascript, Shell Script, Lisp, CSS, SQL, Java, \LaTeX .

Operating Systems: Linux, Windows.

Applications: Emacs, Vim, shell, Visual Studio, Subversion, git, trac, rake, etc.

Miscellaneous: Good at Chinese (as my mother language) and English. Excellent troubleshooting and debugging skills. Good performance in schools, receive scholarship and award for outstanding students every year.