

## Education

- **Beijing Normal University** Beijing  
*B.S. Computer Science, M.S. Computer Software and Theory* 2007 - 2014
  - Student coach of BNU ACM/ICPC team
  - Organizer and problem provider of BNU Computer Programming Contest

## Skills

- **Development:** C/C++, jQuery, PHP
- **Interest:** Algorithm, Linux, Web developing, Operating System
- I'm curious about new technologies, love to try new things, and good at implementing new ideas.

## Projects

- **BNU Online Judge** C/C++, PHP, Linux  
*An open-source, simple but full-featured Onling Judge system* 2009 - now
  - Website: <http://www.bnuoj.com>, source code: <http://github.com/51isoft/bnuoj>
  - Self designed full-featured online judge with innovated functions like virtual judge, contests replays, categorized problems and challenge sections like *Topcoder*
  - BNUOJv1 was released in 2009-04-01, url: <http://www.bnuoj.com/contest>
    - \* Honored as outstanding project by university, my first time developing under Linux
    - \* WebSocket and multi-threading were used for communication between modules, ptrace was used to build sandbox for programs user submitted
    - \* Reached 1,000 users by 2009-09-01, 50,000 submits by 2010/03
    - \* Source code was hosted at <http://code.google.com/p/bnuoj> using SVN
  - BNUOJv2 was released in 2012-02, url: <http://www.bnuoj.com/bnuoj>
    - \* Redesigned UI with jQuery and jQueryUI
    - \* Introducing vJudge, developed with libcurl by submitting to other OJs
    - \* Reconstructed judger's code using OOP, added challenge function
    - \* Spin-off project: [acmicpc.info](http://acmicpc.info) Hackathon Platform
  - BNUOJv3 was released in 2013-04, url: <http://www.bnuoj.com/v3>
    - \* Reconstructed front-end code, using Bootstrap replacing jQueryUI
    - \* SMS alert platform (<http://www.bnuoj.com/sms>) and Wechat public platform (bnuacm)
    - \* Migrating from *Google Code* to *Github*
- **Formal Languages and Automata Course Software** VC++, MFC  
*Sponsored by National Innovation Experiment Program for University Students* 2009-2010
  - Designed for autonomic learning, honered as university-level outstanding project
  - I'm the leader of this project

## Achievements

- Gold medal in ACM-ICPC International Collegiate Programming Contest Regional Contest 2010 and 2012, Silver medal in 2011
- Third-grade award in the first CS cup National Software Design contest, 2009
- Scholarship for competition achievements by graduate students, 2009 through 2012
- Scholarship for social activities, 2008 and 2009

## Social Activities

- Student coach of BNU ACM/ICPC team, maintaining web servers for the team
- Head of network department, Beijing Normal University “White-Dove” Youth Volunteer Association, 2008 and 2009

## Publications

- Yi, Chao, Xiao Yu Du, Su Feng, Si Yuan Li, and Yue Zhuo. *The Design of Course-Oriented Online Judge*. Advanced Materials Research 433 (2012): 4736-4740.
- Du, Xiaoyu, Chao Yi, Yu Wei, Su Feng, and Zhi Gong. *Design of Automata Online Judge*. In Information Engineering and Computer Science (ICIECS), 2010 2nd International Conference on, pp. 1-4. IEEE, 2010.
- Du, Xiaoyu, Chao Yi, Su Feng, Yu Wei, and Qiao Tang. *Autonomic learning in Course Software: A case study*. In Computer Application and System Modeling (ICCASM), 2010 International Conference on, vol. 8, pp. V8-154. IEEE, 2010.

## Personal Informations

- **Hobbies:** Billiards, badminton, photography

## Contact Infomation

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