Lin Dongwen

http://www.wildflame.org/en

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Education

Exchange student, Department of Computer Science   *Feb 2013 - June 2013*
National Chiao Tung University, Hsinchu, Taiwan

B.E, School of Electronics and Information Engineering   *Sep 2010 - Present*
Harbin Institute of Technology, Harbin, China

Experience

Web Developer, *Yankeji, Chengdu, P.R.China*   *Sep 2013 - Present*
- Created web applications using a range of technologies, frameworks, and platforms including HTML/CSS, JavaScript, Ruby on Rails, SQLite, PostgreSQL, Heroku, jQuery.
- Improved search engine ranking (SEO) of web properties to increase traffic.
- Maintain the servers of the web application.

Internships, *Baicizhan, Chengdu, P.R.China*   *Feb,June,July 2013*
- Complete a python script which automatically fills English words in a picture to ease manual work
- Help in daily works: to communicate with users, some test to be done...

Skills

Programming: Java, HTML/CSS, bash, JavaScript, LaTeX, Ruby, Python, C, Assembly

Frameworks, Tools and Platforms, Editors or IDE: *jQuery, Git, Ruby on Rails, VIM*

Operating Systems: Windows, Mac OS X, Linux(Ubuntu, Arch)

Leadership Activities

Co-founder , HIT Sci-Fy(science-fiction) club as the head of the Communication Office
                                                                 Spring 2011 - Fall 2012
Monitor, Monitor of my major   *Fall 2011 - Spring 2013*

Awards and Honors

Honorable Mention, The Interdisciplinary Contest in Modeling (ICM)   *2012*
Honor of Merit Student (1%)   *2011*
First Class Peoples Scholarships (5%)   *2010*
Excellent Award (20%) , HIT English Speech Contest   *2010*

Projects

A blog-like Web app   *Aug 2013 - present*
- I worked on my spare time to develop this website. This website is developed with ruby on rails. You can see it through the link http://www.yankeji.cn

Python Script that Automatically Fill Words in a picture   *July 2013*
- This is a script that I have done in Python to ease some manual work to fill words in a picture.

Reversibel Data Embedding using Interger Wavelet Transform   *Apr 2013 - Jun 2013*
- Embed data into a picture reversibly using difference expansion (interger wavelet transform) with MATLAB.

Zigbee-based Automatic Home Security Systems: I'm in charge of the dialing module using MT8880 DTMF Transceiver   *2011-2012*.
- The MT8880 is a dual-tone, multi-frequency (DTMF) transceiver on a chip. It can be configured to send or receive touch tones used in many phone and radio communication systems.
- What I have done is using the chip MT8880 to dial a phone number, actually it is a part of a home security system that calls one's phone to warn the person of the danger at his home.