Zhe ZHOU (Conan)

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Education

Grade Point Average: 3.9/4.0

- **Polytechnic Institute of New York University** — New York
  M.Sc., Computer Science — *2011 - 2013*
  - Relevant courses: Operating System, Algorithm, Computer Architecture, Artificial Intelligence, Machine Learning, Interactive Computer Graphics, Big Data Analysis and Management etc.
- **Singapore Management University** — Singapore
  B.Sc., 1st major Info. Sys. Management; 2nd major Advanced Business Solutions — *2006 - 2010*
  - Relevant courses: Enterprise Web Solution, Database Management, Computer Networks, Information Security, Enterprise Information System, etc.

Skills

Familiar with: C/C++, Python, PHP, Java, Objective-C, SQL

Basic Familiarity in: VB, C#, ActionScript, JavaScript, HTML, CSS, MATLAB, LATEX, Common LISP

Operating Systems: Linux (Debian, Ubuntu, OpenSUSE), Mac OS, Windows

Projects

- **NewsFlashed.com** — NewsFlashed Inc.
  Lead Developer and Architecture Designer — *2012*
  - Description: Collecting and analysing user's interests for personalized news recommendation
  - Technology: PHP, Python, C, node.js, mongoDB, MySQL, WordPress, Amazon EC2 and S3, etc.
- **Ponon!** — Artlans
  Developer and game designer — *2010*
  - Description: Create a block falling game for iPhone / iPod Touch / iPad
  - Technology: Objective-C, iOS API, Twitter API, etc.
- **Terrapin** — SMU IS Department
  Lead developer — *2009*
  - Description: Integrate the version controlling, bug tracker, and peer grouping and evaluation systems for auto course preparation
  - Technology: Java, PHP, MySQL, bash, Apache, JavaScript, SVN, Mantis, etc.
- **Xport** — Xtreme Coding 2008 Competition
  UI designer and developer — *2008*
  - Description: Develop a Adobe AIR app for extreme sports devotees to share videos, communicate, and plan events online
  - Technology: Java, MySQL, Adobe AIR, Google Map API, Apache, etc.
- **BVL 2.0** — Standard Chartered Bank
  System developer — *2008*
  - Description: Build a internal knowledge sharing system for Standard Chartered Bank
  - Technology: Microsoft SharePoint, C#, .Net AJAX framework, JavaScript, etc.

- **ezVET** — Pets Lover Club
  Project leader — *2007*
  - Description: Build a platform providing a better solution for veterinarians to schedule and cooperate to serve their customers
  - Technology: Java, MySQL, JavaScript, Google Gear and Map APIs, Android, SMS Web Service, etc.

Pet Projects

- **Infophile** — iOS
  in progress, not released yet — *2012*
  - Description: A iOS App and service for better personalized information retrieval.
  - Technology: Objective-C, Python, Cassandra, Nginx
- **Unix as IDE in Chinese** — Sphinx
  Open Source — *2012*
  - Description: Translation of a serial of article about using Unix as IDE.
  - Technology: Sphinx
  - URL: https://github.com/ConanChou/Unix-as-IDE–Chinese-
- **wp-dropcaps** — Wordpress
  Open Source — *2011*
  - Description: A plugin for Wordpress to make drop-cap effect in the post.
  - Technology: PHP, CSS
  - URL: http://wordpress.org/extend/plugins/wp-dropcaps/
- **rt2x** — Twitter
  Open Source — *2010*
  - Description: A plugin for TweetNest to forward tweets to other SNS like renren, sina, fanfou, renjian, and zuosha.
  - Technology: PHP, MySQL
  - URL: https://github.com/ConanChou/tweetnest-with-rt2x

Work Experience

- **Lead developer and Architecture Designer (Intern)** — NewsFlashed Inc., US
  in charge of architecture design, crawler, and machine learning algorithms — *2012*
- **Research Assistant on Cloud Security** — SMU, Singapore
  in charge of the experiments implementation and data analysis — *2010*
  - Project Paper: On Trustworthiness of CPU Usage Metering and Accounting
- **Chief Technology Officer** — Artlans, China
  in charge of Research and Development — *2009 - 2010*
- **Teaching Assistant of course Enterprise Web Solution** — SMU, Singapore
  in charge of the lab session — *2009*
- **System Developer (Intern)** — Standard Chartered Bank Regional HQ, Singapore
  in charge of the feature implementation — *2008*
- **IT Administrator (Part-time)** — Success Human Resource Center Pte Ltd, Singapore
  IT support and business solution consultant — *2007*

Awards

CS Department Scholarship	2011, 2012
Lee Kuan Yew Global Business Plan Competition the 4th Place	2008
China the 6th Challenge Cup	2008