

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, Python, PHP, Java, SQL

Basic Familiarity in: VB, C#, Objective-C, ActionScript, JavaScript, HTML, CSS, MATLAB, L^AT_EX, Common LISP

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

Projects

- **NewsFlashed.com** NewsFlashed Inc.
Designed the architecture, implemented a API crawler, and machine learning algorithms 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
Designed the game storyline and developed twitter integration part 2010
 - Description: Create a block falling game for iPhone / iPod Touch / iPad
 - Technology: Objective-C, iOS API, Twitter API, etc.
- **Terrapin** SMU IS Department
Developed the automation script, Ajax, and Mantis integration 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
Improved the business process and implemented the new design with the team 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
 - *Implemented backend logic and the frontend for both desktop and mobile platform* 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 4 th Place	2008
China the 6 th Challenge Cup Silver Award	2008