

## 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, etc.
- **Singapore Management University** Singapore  
*B.Sc., 1<sup>st</sup> major Info. Sys. Management; 2<sup>nd</sup> major Advanced Business Solutions* 2006 - 2010
  - Relevant courses: Enterprise Web Solution, Database Management, Computer Networks, Information Security, Enterprise Information System, etc.

## Skills

**Familiar Programming Language:** Python, C, PHP, Java

**Basic Familiarity in:** Objective-C, VB, C#, ActionScript, JavaScript, SQL, HTML, CSS, MATLAB, L<sup>A</sup>T<sub>E</sub>X

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

**Familiar Development Tools:** VIM, XCode, Eclipse, git, SVN, Adobe Photoshop, Adobe Fireworks

## Projects

- **RSS Filter** Machine Learning course project  
*Build a AI agent using several machine learning algorithm* 2012
  - Description: A smart filter to help people getting information quicker and better
  - Technology: Python, C, Django, MySQL
- **3D Sphere** ICG course project  
*Apply the computer graphic theories to the demo application from scratch* 2011
  - Description: A demo application of modern interactive computer graphics
  - Technology: C, OpenGL
- **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
- **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, Linux, bash, Apache, HTML, CSS, JavaScript, SVN, Mantis
- **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, CSS, HTML

- **ByeSmoke** Xtreme Coding 2007 Competition  
*Implemented the algorithm of smoker\_is\_in\_yello\_box* 2007
  - Description: Develop a location based Android app to help smoker to abstain from smoking
  - Technology: Android, Java, Apache, MySQL, Twitter API
- **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, HTML, CSS, JavaScript, Google Gear and Map APIs, Android, SMS Web Service, Apache

## 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
- **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

- **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
- **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
- **Teaching Assistant of course Enterprise Web Solution** SMU, Singapore  
*in charge of the lab session* 2009

## Awards

CS Department Scholarship 2011 - 2012  
Lee Kuan Yew Global Business Plan Competition the 4<sup>th</sup> Place 2008  
China the 6<sup>th</sup> Challenge Cup 2008