

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., 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 Programming Language: Python, C, PHP, Java

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

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 4th Place 2008
China the 6th Challenge Cup 2008