Steven You

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OBJECTIVE

○ Software Engineer
○ Java/C++/Python Developer

PERSONAL SUMMARY

○ I love design, analysis distributed systems. I also enjoy tackle with scalable network programing systems, interested in fast and scalable web programming and nosql recently.
○ Highly motivated with a good attitude to learn new skills and gain career related experience.

EDUCATION

2010–present	**Master**, *Information Technology*, University of New South Wales, *Sydney, AU*. High Distinction Average (mark > 85%) Top 3 in CSE.
2006–2010	**Bachelor**, *Information Security*, *University of Hunan*, GPA 3.7.

SKILLS

○ Java/C++ programming
○ Computer Vision, Open CV
○ Data Mining
○ Postgre, MongoDB

○ Python web development
○ Linux Shell, Perl
○ HTML5 JavaScript Skills
○ Hadoop, Mahout

EXPERIENCE

2012	**Collaborative Filltering Recommendation Service**, *Hadoop*. Works on recommendation service deployed on hadoop provide recommendation service in real time in a generic maner. System based on Mahout framework.
2011	**GNOME Outreach Program Internship**, *GNOME*, Python, GTK. Works on an todo manager for GNOME desktop environment called Getting Things GNOME!
2011	**Tumblr Image viewer for iPhone/iPad**, *iOS*. iOS app viewing tumblr posts and pictures using tumblr provided API.
2010–now	**Developer**, *Ryarc Media Company*. Developing distributed digital signage systems.

2010	**Developer**, *Automotive Research*.
	Developing Online CRM and Data Analysis Report System, providing Electronic Direct Marketing for car dealers.
2008–2010	**Web Developer**, *Hunan University*.
	Selected of schools' website development and maintainance, developing OA softwaes and managing servers.
2008–2010	**Teaching Assistant**, *Huan University*.
	Tutoring a wide variety of undergraduate computer courses.

HONOURS AND ACHIEVEMENTS

- Winner of Postgraduate Performance Awards ranked in the top 3 of the faculty, Awarded University Honors, UNSW, 2011
- Obtained 5 of 8 Programming Units, with High Distinction (mark $> 85\%$), UNSW, 2010-2011

PROJECTS

- All-directions Panograph.
  A panorama stitcher with efficient bundle adjustment using the Levenberg-Marquart optimisation method. Modifications to homography estimation using RANSAC in order to increase accuracy.

- UniForm Ranking.
  Generic ranking interface to a number of available services for reviews and ranking about products, services, and people. Provide generic operations of an API that allows app developers to interact with services in a uniform manner.

- Mac OS pkg installer for Insite 5.1.
  This installer provide jsp web environment deployment include Apache Tomcat, PostgreSQL and all application files. Attach a deamon process, which launches services automatically on system startup without user login.

- A Similar document retrieval engine based on Lucene, 2011.
  Customize Apache Lucene to build a search engine based on signatures for large document collections. Implement both the original Winnowing algorithm and the frequency- based Winnowing algorithm on top of Lucene.

- PostgreSQL implementation, 2011.
  Modify the PostgreSQL buffer pool manager to use multiple buffer pools, implement a new data type for PostgreSQL, comparison operators and build indexes on values of the type.

- Data Warehousing and Data Mining, 2010.
  Distinction, Implementing data warehouses, data extraction, cleaning, transformation and OLAP query processing, including practical work of Mining Techniques, mining multimedia database, web mining

- Secure File-Sharing System, 2008

INTERESTS

- Guitar
- Basketball
- Swimming
- Hiking