

An-Tai (Clyde) Li

clydeli@cmu.edu

<http://about.clydeli.com/#!p=vitae>

Education

Carnegie Mellon University (CMU)	Expected August 2013
Master of Science in Software Engineering	
National Taiwan University (NTU)	June 2010
Bachelor of Science in Electrical Engineering	

Additional Course Work

Human-Computer Interaction (HCI), Coursera	November 2012
■ Completed the online Human-Computer Interaction course hosted by Stanford University.	

Skills

System Oriented: C++, C#, C (Prior Experience), Java, Python (Prior Experience)

Web Oriented: JavaScript and jQuery (Proficient), HTML, CSS and SASS, Ruby on Rails

Work Experience

Carnegie Mellon University	August 2012 - Present
Research Assistant	
■ Implemented HTML5 Hyperwall client and participated the design of database schema. The project is highlighted in the interoperation demo in CMU DMI Workshop 2012.	
Intel-NTU Connected Context Computing Center	January 2012 - June 2012
Research Assistant	
■ Designed method and system for managing SQL-NoSQL Hybrid Database. (Taiwan R.O.C. Patent Pending).	
■ Surveyed and implemented a proxy server to enable Secure Index support in database.	

Publications

Books

- Chi-Lung Lee, and An-Tai Li. "**Programming with Visual C# 2010 in 16 Lessons (Visual C# 2010 程式設計16堂課)**". Taipei, Taiwan: GOTOP Information Inc.(碁峰資訊), 2011.
- Chi-Lung Lee, and An-Tai Li. "**Making Things Easy with Google (用Google輕鬆過生活)**". Taipei, Taiwan: GrandTech Information Co.(上奇資訊), 2008.

Research Experience

Minimal Register Usage Instruction Scheduling, NTU Fast Crypto Lab	August 2010
■ Developed a method to find optimal instruction schedule that use minimal number of registers. Able to handle approximately double instructions lines compared to prior research.	
CPU with Crypto Instructions, NTU Fast Crypto Lab	December 2009
■ Designed and implemented a CPU with Crypto instructions in hardware description level.	

Honors

Invited to Google Taiwan's Mentorship, Google Taiwan	June 2010
■ Selected as 1 of 15 invited guests from Google Taiwan 2010 summer internship applicants.	