

# An-Tai (Clyde) Li

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<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  
**Web Oriented:** JavaScript and jQuery, HTML(5), CSS(3) 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.