

# 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 (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. Print.
- 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. Print.

## Research Experience

**Minimal Register Usage Instruction Scheduling, NTU Fast Crypto Lab**

August 2010

- Surveyed and 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.