

# Chien-An “Zero” Cho

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## Education

2012 - present **Georgia Institute of Technology** Atlanta, Georgia | PhD in CS

Working on performance analysis of cloud computing.

2010 - 2012 **National Tsing Hua University** Hsinchu, Taiwan | Master in CS | GPA: 4.0

Focused on embedded system. Implemented a secure reprogramming framework for highly resource constrained wireless sensor network platform.

2006 - 2010 **National Central University** Taoyuan, Taiwan | Bachelor in Comm. | GPA: 3.1 (CS) 3.7

Emphasized in Computer Networking. Participated in researches for power saving techniques for file transferring over heterogeneous networks.

## Experience

2012/01 - 2012/08 **KKBOX, Inc. / KDDI** (Music Streaming) Taipei, Taiwan | Contractor

Implemented complex user interface involving crafting custom UI controls for Android and Windows Phone 7.

2011/07 - 2011/08 **MediaTek Inc. (IC Industry)** Hsinchu, Taiwan | Summer Intern

Developed an in-house system-level crash analysis toolkit for GNU debugger(gdb). It enables engineers to perform “online-debugging” for every kernel thread and user process on a crashed system.

2008/02 - 2011/09 **Bigs Lab. (hypo.cc)** Taipei, Taiwan | Part-time developer

Implemented an interactive web-based photo album editor with frontend designers. Administered Mac OS X / Linux boxes. Developed lots of in-house Mac OS X and iOS applications.

2007 - 2010 **Dept. Network Admin., NCU** Taoyuan, Taiwan | Group Leader

Led the group to make a major system transition from FreeBSD 4 to ArchLinux. Communicated with supervisors and coordinated with members. Experienced in major system failure recovery.

## Selected Awards and Projects

2011 **Taipei Fun Mobile App Contest** First Prize | Taipei City Government

We made a great travel guide app for Taipei. The app is named TaipeiFever. It is available on the Google Play market.

2011 **Embedded System Contest** Honorable | Ministry of Education

We brought wireless sensor network and smartphone together to build an augmented reality interface for home automation system.

2009 **KerKerInput** (Open-Source Project) Project Leader | 3 devs. / 6 forks

One of the first Chinese input methods implemented for the Android platform. The fact that it can be easily extended made it a perfect playground for input methods developers. Won second prize and Google prize of MobileHero Android software contest in 2009 held by Ministry of Economic Affairs, Taiwan.

2009 **HypoWWDCBroadcast** (Open-Source Project) Primary Developer

A web application to host Apple WWDC live broadcast event. Learned to use Google AppEngine to build scalable website.

## Related Skills

Languages: Proficient in Java, C, Ruby, HTML, CSS; has experience in C++, C#, JS, PHP, Python, 8051 asm  
Natural Languages: Fluency in Mandarin

