# Education

## Master of Science in Computer Science and Engineering Jul 2012 – Present

**University of New South Wales (UNSW)**

* Research Topic: Security Analysis on Memory Authentication Systems
* Systematically evaluated a cost-effective MAC scheme and found security flaws. Optimized the original design and fixed the flaws without introducing obvious cost enhancement

## Bachelor of Engineering in Software Engineering Sep 2008 – Jun 2012

**Beihang University (BUAA)**

* **Distinction** average results

# Employment

## Graduate Teaching Assistant Aug 2013 – Dec 2013

**University of New South Wales (UNSW)**

* Tutor of course COMP9032 “Microcontroller and Interfacing”
* Supervised 2 groups of 30 students in AVR assembly language programming. Totally 20 of 30 got full marks on weekly labs and 5 of 30 got full marks on final design project

## Summer Intern Nov 2012 – Feb 2013

**National ICT Australia (NICTA)**

* Candidate of “Taste of Research” Summer Project
* Designed and constructed a component-model (CAmkES) based desktop environment (DE) on seL4 micro-kernel providing slides storage and presentation services.
* Modified original FAT32 file system component used in DE to provide file content parsing and transferring services. Evaluated the performance and examined the bugs of CAmkES executive platform with scalable components (DE).

## Teaching Assistant Oct 2011 – Jun 2012

**Beihang University (BUAA)**

* Tutor of courses:
  + Introduction of Software Engineering
  + Embedded System Theory and Application

# Commercial Projects

## Voice-Control Blind-Guiding System Aug 2013 – Dec 2013

**VIA-Beihang Joint Lab**

* Design and constructed the human sensing sub-system. Co-designer for the control OS

## Baidu A-star Programming Competition Website Project Aug 2013 – Dec 2013

**Astar Contest Project Group**

* UI design. Designed and constructed the front-end codes

# Skills

* **Experienced Language**: C, Java, Python, Linux Shell, HTML/CSS/JavaScript, Matlab
* **IDE**: MS Visual Studio, Eclipse, Xcode
* **Working Platform**: Windows, Linux/UNIX, OS X

# Extra-Curricular Activities & Awards

## Vice-Present of Beihang University Volunteer Association Oct 2009 – Oct 2010

* **Venue Administration Volunteer**: 11th "Challenge Cup" National Competition of Chinese College Students' Extracurricular Academic and Scientific Achieve, 2009
* **Honors**: Annual Outstanding Volunteer of BUAA, 2009,2010

## Beihang University Scholarship Oct 2011

* Second Prize

# Referees