

ANTHONY ANTHONY

anthonyang86@gmail.com +1·(226)·808·9489·867
350 Lester Street, N2L 3L1, Waterloo, Ontario, Canada

EDUCATION

- University of Waterloo, Canada** *Sep 2016 - Apr 2018 (expected)*
M.Math in Computer Science (Thesis)
Under the supervision of Prof. Raouf Boutaba
- National Chiao Tung University, Taiwan** *Aug 2011 - Aug 2015*
B.S. in Computer Science & Engineering
Overall GPA: 87.35/100
- The Hong Kong University of Science and Technology, Hong Kong** *Jan 2015 - Jun 2015*
Student Exchange Program

HONORS AND AWARDS

- NCTU International Scholarship - Golden Bamboo Award *Aug 2012 - Jan 2015*
- Chung Hwa Telecom Scholarship *Sep 2013 - Aug 2015*

PUBLICATIONS

- Tzi-cker Chiueh, Houcheng Lin, Ares Chao, Anthony, Tan-Gen Wu, **"Smartphone Virtualization"**, *Proceedings of the 22nd IEEE International Conference on Parallel and Distributed Systems (ICPADS)*, 2016

WORK EXPERIENCE & PROJECTS

- Industrial Technology Research Institute (ITRI)** *Oct 2015 - Jul 2016*
Software Engineer, Hypervisor team *Hsinchu, Taiwan*
- Worked on Virtual Mobile Infrastructure(VMI) and Mobile Virtualization project
 - Explored optimization approaches reducing footprint, boot-time, and supporting audio
- MediaTek Inc.** *Jul 2015 - Aug 2015*
Intern Computer System Engineering *Hsinchu, Taiwan*
- Conducted a study of the developing IoT framework (*Iotivity*) and *Open Interconnect Consortium*.
 - Integrating newer version of the framework to the existing prototype.
 - Closely involved in the design and implementation of the IoT prototyping in Android.
- Industrial Technology Research Institute (ITRI)** *Jul 2014 - Sep 2014*
Intern Software Engineering *Hsinchu, Taiwan*
- Conducted a performance tuning of RAID storage using *mdadm* on Linux server.
 - Developed RAID on-the-fly disk replacement automation system which automate the configuration process when replacing a faulty hard disk from the server's rack.
 - Developed RAID reduction feature which enable system manager to reduce number of disks used.
- NCTU Computer Science Final Year Project** *Sep 2013 - Jun 2014*
Developer *Hsinchu, Taiwan*
- Successfully brought out **an Online On-campus Meal Ordering System** Android apps, the server-side programming and maintenance. The system had been released for two months of alpha and beta testing inside the campus. Reaching about 400 downloads, it was quite a successful testing.

- Working with another CS student, mentor and a professor, I successfully accomplished the programming for client-side, database queries and crash reporting system.

NCTU Pervasive Embedded Tech (PET) Laboratory

Jan 2013 - Feb 2013

Research Assistant

Hsinchu, Taiwan

- Helped the research group on processing EEG brain signal processing to remove the noise signals, run some algorithm and tried to analyze the outcome.

Chung Hwa Telecom

Jan 2014 - Feb 2014

Winter Vacation Internship

Taipei, Taiwan

- Assisted an Overseas Business Department in Chung Hwa System Integration.
- Conducted a study and analysis on *e-home* product including the programming side (Zigbee and socket programming) and product development side.

NCTU CS Department

Aug 2014 - Jan 2015

Teaching Assistant for Linear Algebra

Hsinchu, Taiwan

- Co-facilitated class of 50 students with professor Yong-Sheng Chen in a course of Linear Algebra.
- Answering to students' problems and providing a solution on each weekly exercise, quiz and exam.

NCTU CS Department

Aug 2012 - Jan 2015

Teaching Assistant for fellow CS UG international student

Hsinchu, Taiwan

- Conducted a regular meeting to let other fellow students/juniors cope with the courses and assignments.

TECHNICAL SKILLS

Computer Languages
Programming Techniques
Databases
Protocols & API
Tools & Environment
Interest

C, C++, Script, Java Android, Python, Assembly
 Multi-thread, Multi-processes, Object Oriented
 MySQL, CouchDB, MongoDB
 TCP SOCKET, Android, FB Android API
 GIT, Vim, gdb, LINUX Dist, WINDOWS
 Computer Network, Security, System level design & architecture,
 Software Developing, Latest Technology, Hands-on projects,
 Teamwork, Communication, Presentation

LANGUAGES

Indonesian : Mother tongue
English : Proficient (IELTS 7)
Mandarin : Proficient (TOCFL band C)

SOCIAL & CO-CURRICULAR ACTIVITY

Indonesian Student Association in Hsinchu (PPI-Hsinchu)

President 2014/2015

- Led and encouraged 6 divisions to plan and execute events through out the year for an approximately 60 Indonesian students studying in Hsinchu.
- Providing the direction and fresh idea which in accordance with the vision & mission of this organization.

Hsinchu Indonesian Student Association (HISA)

Vice President 2013/2014

- Planned some activities to grow togetherness among Indonesian students in Hsinchu.

CS-Department Soccer Club and Badminton Club

Committee 2013-2015

- Attended regular training and gathering.