

# CHIA-YING LIN

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## EDUCATION

### Ph.D. of computer science and information engineering

National Cheng Kung University, Tainan, Taiwan

Sep. 2015 – present

GPA: 4.3/4.3

- » I am a member in *Intelligent Mobile Service Laboratory* whose researches focus on mobile network design and analysis. My **research interests** include Internet of Things, Machine-Type Communication, Software-Defined Networking and Voice over LTE.

### Bachelor of computer science and information engineering

National Cheng Kung University, Tainan, Taiwan

Sep. 2011 – Jun. 2015

GPA: 3.93/4.0 (ranked 1<sup>st</sup> in class)

- » **Relevant Courses:** Computer System and Network Administration, Software design, Data Base Management System, Design of Smart Sensing Cloud System and Application
- » **Undergraduate Project:** “Go Parking — —Event Data-based Parking Spot Guidance Service”

## EXPERIENCE

### Short term research in RWTH Aachen University, Aachen, Germany

Communication and Distributed Systems (COMSYS)

Jul. 2017 – Aug. 2017

- » **Tasks:** Evaluating synchronized neighbor discovery scheme

### Summer Intern in YAHOO!, Taipei, Taiwan

Web Search Production Engineering Team

Jul. 2016 – Aug. 2016

- » **Tasks:** Developing real-time monitoring dashboard by using *Django*

### Teaching assistant in SDN/NFV Core Network Course

National Cheng Kung University, Tainan, Taiwan

Fall Semester 2015

### Summer Intern in HTC, Taipei, Taiwan

Mobile Application Software Department

Jul. 2015 – Aug. 2015

- » **Tasks:** Developing automation test system by using *JUnit* and *Jenkins*
- » **Award:** 1<sup>st</sup> place in VR competition

### Lecturer in Competitive Programming Course

National Cheng Kung University, Tainan, Taiwan

Spring Semester 2015

## SKILLS

- **Language:** mandarin (fluent), Taiwanese (fluent), English (good; TOEFL iBT score: 80)
- **Technical skills:** C, C++, Java, Android APP development, SQL, Python, Linux (Github: zeroplusone)

## AWARDS

2017 Grace Hopper Celebration of Women in Computing (GHC) Scholarship

2015 Garmin Scholarship

Outstanding Engineering Student Award (awarded from Chinese Institute of Engineers, Taiwan)

2011 – 2014 Academic Excellence Award (top 5% in class, awarded from National Cheng Kung University in 2011-2012, 2012-2013, 2013-2014 school year)

2014 The 22<sup>nd</sup> place, 2014 ACM-ICPC Asia Taichung regional

2013 The 23<sup>rd</sup> place, 2013 ACM-ICPC Asia Chiayi regional

## PUBLICATIONS

- C.-Y. Lin, H.-W. Kao, M.-H. Tsai and H.-L. Chang, **Gateway-Assisted Two-Stage Radio Access for Machine Type Communication in LTE-Advanced Network**. *COMPUTER COMMUNICATIONS* (DOI: 10.1016/j.comcom.2016.12.017)
- C.-Y. Lin, W.-P. Tsai, M.-H. Tsai and Y.-Z. Cai, **Adaptive Load-balancing Scheme Through Wireless SDN-based Association Control** *Proceeding of the 31th IEEE International Conference on Advanced Information Networking and Applications (AINA'17)*, Taipei, Taiwan, March 2017