

# SHANG-CHING HSU

LinkedIn: <https://www.linkedin.com/in/shang-ching-hsu-b89626148/>

E-mail: [shangchh@usc.edu](mailto:shangchh@usc.edu) Mobile: +1-323-449-9675

## Areas of Interest

- Web Technology, Mobile Application, Internet of Things, Cloud Computing, Computer Networks

## Education

- 08/2017 – present **University of Southern California (USC), Los Angeles, CA, USA**
  - Master of Science in Computer Science
- 09/2011 – 06/2015 **National Chung Cheng University (CCU), Chiayi, Taiwan**
  - Bachelor of Science in Computer Science and Information Engineering
  - Rank: 1/111 - GPA: 4.73/5.00, 136 credits

## Experience

- 12/2016 – 07/2017 **IT Intern – DHL Express, Taipei, Taiwan**
  - Developed and implemented the front-end and back-end websites (in HTML/CSS, Java, JavaScript and JSP/Servlet).
  - Supported thermal printer installation and cabling.
- 09/2015 – 06/2016 **IT Assistant – LUMEI Architect Office, Taipei, Taiwan**
  - Built websites and tools for document searching and data recording (in HTML/CSS and JavaScript).
- 04/2012 – 06/2015 **Dormitory Network Administrator – CCU, Chiayi, Taiwan**
  - Maintained network system in layer2 and layer3 and solved users' network setting problems.
- 07/2012 – 06/2013 **President of the Computer Science Department's Student Association – CCU, Chiayi, Taiwan**
  - Held activities for students and assisted the department.

## Projects

- 07/2016 **Electronic Purse System**
  - Developed and integrated Radio Frequency Identification equipment (in C) and a website with FB Application Programming Interface (in HTML/CSS and JavaScript).
- 01/2015 **Intelligent Escape Guiding System**
  - Detected poisonous gas by sensors (in C) and used indoor localization to organize the shortest exit route as displayed on our smart phones utilizing an Android based application (in Java).
  - Interacted with users through augmented reality that let user clearly see the exit direction (in Java).
  - [Award: Best Popularity Award and Best Research Award – Graduation Project Exhibition, Tic 100 Smart City & IoT finals]
- 01/2014 **Equipment Booking System**
  - Built a user-friendly interface website for students and professors making reservations for equipment online (in HTML/CSS and PHP).

## Recognitions

- 06/2015 **Member of Phi Tau Phi Scholastic Honor Society of the Republic of China - Taiwan**
  - Comprised of the best students recommended by university departments.
- 2012.2013.2015 **Presidential Honor Award - CCU, Taipei, Taiwan**
  - Cash prize, NTD 20,000; recognition of extraordinary academic achievement.
- 12/2012 **Ranked 2<sup>nd</sup>, Data Structure Programming Contest - CCU, Taipei, Taiwan**
  - Roughly 20 groups participated in this contest.
- 09/2012 **Ranked 11<sup>th</sup>, 17th ITSA Programming Contest - Ministry of Education, Taiwan**
  - Roughly 400 groups participated in this contest.

## Technical Skills

- **Programming Languages:**
  - Proficient: Java, C, SQL, HTML/CSS
  - Basic: JavaScript, PHP, C++
- **System and Tools:** Ubuntu, Eclipse, Visual Studio, PuTTY, MySQL, Arduino