

SHANG-CHING HSU

E-mail: shang6723@gmail.com • Mobile: (323) 449-9675 • Website: <https://shang.csie.io/>

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

Education

- 08/2017 – present **University of Southern California (USC), Los Angeles, CA, USA**
 - Master of Science in Computer Science [Expected May 2019]
- 09/2011 – 06/2015 **National Chung Cheng University (CCU), Chiayi, Taiwan**
 - Bachelor of Science in Computer Science and Information Engineering
 - Rank: 1/111

Technical Skills

• Programming Languages:

Proficient: Java, C, SQL, HTML/CSS
Familiar: JavaScript, JQuery, C++
Basic: PHP, Python

• System and Tools:

Ubuntu, Linux, Eclipse, Visual Studio, PuTTY, MySQL, PostgreSQL,
Arduino, Subversion(SVN), Git, Hadoop, WordPress, J2EE

Experience

- 12/2016 – 07/2017 **IT Intern – DHL Express, Taipei, Taiwan**
 - Developed the front-end and back-end websites for e-invoice system (in HTML/CSS, Java, JavaScript, JSP/Servlet and struts), resulting in reduced costs totaling \$22,000 annually via paperless procedures.
 - Supported installation of 30 thermal printers in 12 locations.
- 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), improving employees' work efficiency by 6%.
 - Built tools to generate reports (in Java and JavaFX), cutting 80% time by automatically calculating.
- 04/2012 – 06/2015 **Dormitory Network Administrator – CCU, Chiayi, Taiwan**
 - Maintained network system in layer2 and layer3 for 2500 users.
 - Assisted an average of 15 users per day in solving their network setting problems.
- 07/2012 – 06/2013 **President of the Computer Science Department's Student Association – CCU, Chiayi, Taiwan**
 - Held the South Taiwan Programming Contest, increasing member participation in a contest by 10%.
 - Organized volunteer information sessions for the elderly on essential computer usage.

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 **Classroom & Equipment Booking System**
 - Built a user-friendly interface website for students and professors making reservations for classrooms and 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.