SHANG-CHING HSU

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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, C++, Sass
  - Basic: PHP, Python, C#

- **Skill:**
  - AJAX, Struts, Servlets, Hadoop, AngularJS, ReactJS, JQuery, JSON,
- **System and Tools:**
  - Windows, Ubuntu, Linux, Eclipse, Visual Studio, PuTTY, MySQL, PostgreSQL, Arduino, Subversion(SVN), Git, WordPress, J2EE, NetBeans, Tomcat

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.