

Heron Yang

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<http://heron.me>

Education

Carnegie Mellon University (CMU), Pittsburgh, PA, USA Major: <i>Electrical and Computer Engineering (Exchange)</i>	Jan. 2015-May 2015
National Chiao Tung University (NCTU), Hsinchu, Taiwan Major: <i>B.S. in Computer Science</i>	Sep. 2011-Jun. 2015
Stanford University, Stanford, CA, USA Major: <i>Computer Science (Summer College)</i>	Jun. 2011-Aug. 2011

Skills

Language: Python, C/C++, Java, JavaScript, HTML5/CSS3, PHP, SQL, Objective C, Shell Bash, Matlab

System: Linux/Unix(Ubuntu, Fedora, Kali), Mac OSX

Software: Apache, Django, WordPress, lighttpd, nginx

Platform: Heroku, Linode, Google App Engine, Amazon EC2

Other: Project Management, Photography, Musical Composition/Arrangement

Relevant Courses

Network Programming, Web Application Development, Advanced Web Design, Client-Side Internet Technologies, Operating System Implementation Design, I/O Devices and Device Drivers Design, Network Security, Network Security Practices-Attack and Defense

Project Experience

Lens Decider (https://lens-decider.herokuapp.com/) - Blind test for lens decision powered by Flickr API on Heroku - Reach more than 5,000 users in first-day release	Nov. 2014-Dec. 2014
PLATE Online Meal Ordering System (http://plate.tw/) <i>Team Leader & Senior Developer</i> - Serving 600 users on campus for one month - Integrated Android application with RestFul API backend using Django	Mar. 2013-May 2014
Pitch It - iOS Application (http://pitchit.nctucs.net/) - iOS application for perfect pitch ability testing	May 2013-May 2014
The Automatic ODCR Award-checking System using Machine Learning - ODCR has an accuracy rate of 98.88% - Applying noise treatment and changing the color of the light to match the background color of the invoices can greatly simplify further image analysis - Our custom color-based binarization algorithm performs better than standard Otsu algorithm	Jan. 2010-Jul. 2010

Other Experience

Software Feature Analyst (Contractor) , <i>HTC Corporation</i>	Sep. 2014-Dec. 2014
Software Feature Analyst (Intern) , <i>HTC Corporation</i> - Marketed future phone features and planned projects	Jul. 2014-Aug. 2014
Club Leader , <i>Digital Music Creation Club (NCTU)</i> - Published annual club album, Christmas album and Chinese New Year album - Arranged live performance on campus and in Shiny Tea Cafe	Jul. 2012-Jun. 2013
Club Leader , <i>Industrial Technology Research Society (HSNU)</i> - Arranged weekly club activity - Taught C and Python programming languages	Jul. 2009-Jun. 2010

Awards

- Intel Excellence in Computer Science Award	Feb. 2011
- First Place in National Science Fair	May 2010
- Gold Medal Award in 9th Macronix Science Awards	Dec. 2010