

## 鄭鈞元 Bryan Chun-Yuan Cheng

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## Education

2011 – 2013 **M.S., Computer Science**, Yuan Ze University - Intelligent Information Service Research Lab  
2007 – 2011 **B.S., Computer Science**, Yuan Ze University

## Skills

**Language** Python, PHP, Javascript (jQuery), C++  
**Framework/ Model** Hadoop (Hadoop Streaming), MapReduce, Flask  
**Database** MySQL, MongoDB  
**Platform** Google App Engine, Heroku, Amazon Web Services (RDS, Beanstalk)  
**Research Interests** Information Retrieval, Data Mining, Opinion Mining, Search Intent Classification

## Work Experience

July 2013 - Aug 2013 ***Taiwan Mobile Innovation***  
Startups  
1. Synced auctions to Facebook Page and provides complete Insights report for business. <http://pagineer.in>  
2. Integrated Facebook Insights API, PayPal API, embed.ly and deployed the services on Heroku & RDS(AWS).



July 2012 - Aug 2012 ***Yahoo!***  
Intern, Search Engineer Team  
1. Collaborated with interns and built autocomplete search suggestion list in Yahoo search using corpus-based recommendation.  
2. Adopted association rules (FP-growth) for the relationship between each keyword based on decay time. The algorithm was implemented on the Hadoop MapReduce platform.



Feb 2009 - Aug 2011 ***Institute of Information Science, Academia Sinica***  
Intern, Digital Archive Architecture Laboratory  
1. Participated in TELDAP (Taiwan e-Learning and Digital Archives Program) and Ushare (industry-academia collaboration with CTS).  
2. Front-End/Back-End development, RTMP video streaming and FFmpeg image conversion.



## Awards

Nov 2013 **Yahoo! Hack Taiwan 2013 Second Place**  
Cleaned up yahoo mailbox by Yahoo Mail Web Service API.  
<https://github.com/bryanyuan2/yahoo.hack.taiwan.2013>

- Jan 2013      **Mozilla Firefox OS App Day 2013 Second Place**  
Enhanced Firefox OS battery management with gamification App using Firefox OS Web APIs.  
<https://github.com/bryanyuan2/battery.fox.firefox.os.app.day.2013>
- Oct 2012      **Yahoo! Open Hack Day 2012 Second Place & Yahoo! Open Hack Day 2012 The Most Potential Award**  
Enriched information in Facebook Checkins/Events pages using Yahoo! APIs.  
<https://github.com/bryanyuan2/yahook.yahoo.open.hack.day.2012>

## Projects

- Aug 2010 - Dec 2010      **Chewing in the Cloud - CHT Open Source Software Competition 2010**  
Modified the priority of choosing Chinese words candidates based on Chewing Input Method.  
<http://code.google.com/p/citc/>
- Jun 2009 - Sep 2009      **Go! Plurk - Information Retrieval course final project**  
Analyzed Plurk user interests based on Bayes classification, over 4000 users have been analyzed.  
<http://goplurk.cse.tw/>

## Publications

- Dec 2011      “IISR Crosslink Approach at NTCIR 9 CLLD Task”  
NTCIR 9, Japan, December 12, 2011  
*Chun-Yuan Cheng, Yu-Chun Wang, Richard Tzong-Han Tsai*
- Feb 2011      “Annotating Photographs of Places of Interest in Taiwan - A Multifaceted. Photo Summarization Method Based on TELDAP”  
International Journal of History and Arts Computing (IJHAC) 2011  
*Yu-Ting Hsiao, Chun-Yuan Cheng, Cheng-Hung Li, Yu-Zheng Wang, Hsiang-An Wang*

## Community

- Feb 2012 - Aug 2012      **Conference for Open Source Coders, Users and Promoters (COSCUP)**  
Attendee Team Lead 2012  
Registration attendees' coordination, and questionnaire analysis.
- Sep 2009      **Mozilla Taiwan Community**  
Community Member  
Add-ons Mozilla dot org (AMO) zh-TW L10n Owner.  
<https://addons.mozilla.org/zh-TW/firefox/>

## Others

- May 2012      Outstanding TA Award 2011 from Yuan-Ze University