

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, jQuery, Hadoop Streaming, MapReduce, C++
Database MySQL, MongoDB
Platform Google App Engine, Heroku, AWS (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