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, C++
Framework/ Model	Hadoop (Hadoop Streaming), MapReduce, Flask
Database	MySQL, MangoDB
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. Adoped 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