BRYAN CHUN-YUAN CHENG

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**EDUCATION**

**M.S., Computer Science**, *YUAN ZE UNIVERSITY* June 2013

* **Honors:** 2011 Outstanding TA Award
* Focus on **Machine Learning** and **Information Retrieval**

Data Mining / Bioinformatics / Computational Biology / Agile Software Development

**B.S., Computer Science**, *YUAN ZE UNIVERSITY* June 2011

**TECHNICAL KEYWORDS**

**Language:** Javascript, Python, PHP

**Library/Framework:** React, jQuery

**Platform:** Heroku

**Research Interests:** Information Retrieval, Data Mining, Opinion Mining and Search Intent Mining

**WORK EXPERIENCE**

**YAHOO** **Taipei, Taiwan**

*Software Engineer, Search Engineering* September 2014 – Current

* Involved in global vertical search FE platform and migrated 37 global markets with diverse verticals domains include Yahoo & *Yahoo7* partnership from Q4 2014 to Q2 2015
* Enhanced web search monetization for U.S. market sharply, improved SYC (search.yahoo.com), YHS (yahoo partner search) and search international markets for various features optimization and user experience enhancement.
  + Re-designed the user experience for Mozilla default search for US market
  + Rearranged logistic triggering for Direct Display information for US market to enhance better user experience

**TAIWAN MOBILE INNOVATION** **Taipei, Taiwan**

*Incubation Team, Startups* June 2014 – August 2014

* Project Pagineer:
  + Built synchronous mechanism for auction from Yahoo/eBay/Ruten to Facebook page, integrated Facebook Insights API and embed.ly statistics in business report individually.
  + Served 90+ users within 19 active Facebook Pages and synced over 7000+ products for business marketing.

**YAHOO** **Taipei, Taiwan**

*Summer Intern, Search Engineering* July 2012 – August 2012

* Built content-based search suggestions from various corpus, and combined time-based queries recommendation mechanism for News, Movies and Answers verticals.
* Adopted FP-growth association rules for candidate queries, constructed alternative search assist in bucketing.

**INSTITITE OF INFORMATION SCIENCE, ACADEMIA SINICA Taipei, Taiwan**

*Intern, Digital Archive Architecture Laboratory* Feb 2009 – Aug 2011

* Contributed online image search application based on CCH (Contrast Context Histogram), established architectural feature-based search engine for Taiwan's historic buildings.
* Cooperated development video streaming platform with Chinese Television System (CTS); adopted open source video platform *Kaltura* as an editorial backend.
* Built WASIGHT.COM, which is a DAVEART-liked social network for design academy students. Involved in frontend development and backend APIs integration.

**SELECTED HONORS**

* Yahoo! Hack Taiwan 2013 Second Place November 2013
* Mozilla Firefox OS App Day 2013 Second Place January 2013
* Yahoo! Open Hack Day 2012 Second Place & October 2012

Yahoo! Open Hack Day 2012 The Most Potential Award

**COMMUNITY**

**g0v Summit 2014**

*Program Assistant* November 2014

* Coordinated speakers and visiting scholars, arranged conference events and multiple-track sessions.

**COSCUP (Conference for Open Source Coders, Users and Promoters) 2012**

*Attendee Team Lead* Feb 2012 – Aug 2012

* Organized administration team of 8 members to host conference over 1000+ attendee, supervising registration, attendee analytics, and administrative functions by conducting online coordination meetings.

**Mozilla Taiwan Community**

*Localization Owner* Sep 2009

* Localized addons.mozilla.org (AMO) and Firefox Sync in Traditional Chinese.
* Conducted campus promotion and activities for Firefox 4 and arranged internal affairs.

**SELECTED PUBLICATIONS**

**Chun-Yuan Cheng**, Yu-Chun Wang, Richard Tzong-Han Tsai. IISR Crosslink Approach at NTCIR 9 CLLD Task. In *NII Testbeds and Community for information access Research (NTCIR) 9*, Japan, December 2011.

Yu-Ting Hsiao, **Chun-Yuan Cheng**, Cheng-Hung Li, Yu-Zheng Wang, Hsiang-An Wang. Annotating Photographs of Places of Interest in Taiwan - A Multifaceted Photo Summarization Method Based on TELDAP. In *International Journal of History and Arts Computing (IJHAC) 2011*.