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

* **Special Project:**
  + Topic analysis for PLURK social micro-blogging (Information Retrieval final project)
  + Chewing Input Method queries re-rank (CHT Open Source Software Competition 2010)

**TECHNICAL KEYWORDS**

**Proficient:** Python, PHP

**Intermediate:** Javascript, MySQL

**Platform:** Heroku

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

**WORK EXPERIENCE**

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

*Software Engineer, Search Engineering* September 2014 – Current

* Involved in vertical search FE platform migration, migrated 37 global vertical search markets include mobile and tablet devices experience.
* Archived Q4 2014 web search monetization goal for U.S. market, improved SYC(search.yahoo.com), YHS (yahoo partner search) and search international markets for various features optimization.
* Well-collaboration with US, UK, HK, Australia and India team, communicated with PM, QE and editorials various departments.

**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, and integrated Facebook Insights API and embed.ly statistics in business report.
  + 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 as bucket experiment.

**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.
* Assisted video streaming platform and transferred to Chinese Television System (CTS); adopted Kaltura video platform as editorial backend.
* Built WASIGHT.COM, a DAVEART-liked social network for design academy students. Involved in frontend and backend system during development.

**SELECTED HONORS AND HACKATHON AWARDS**

**Yahoo! Hack Taiwan 2013 Second Place** November 2013

* Developed Taiko-liked chrome extension for Yahoo Mail, and integrated with gamification mechanism (56 teams, Over 200+ developers)

**Mozilla Firefox OS App Day 2013 Second Place** January 2013

* Enhanced Firefox OS battery management Web App using Firefox OS Web APIs.

**Yahoo! Open Hack Day 2012 Second Place**

**Yahoo! Open Hack Day 2012 The Most Potential Award** October 2012

* Enriched information for Facebook Checkins and Events pages by using Yahoo! APIs and Taipei Open Data API (40 teams, Over 200+ developers)

**COMMUNITY**

**g0v Summit 2014**

*Program Assistant* November 2014

* Coordinated speaker and visiting scholar, arranged whole day event and multiple-track session.

**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-work.

**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*.