

BRYAN CHUN-YUAN CHENG

4F., No.6, Baoqing St., Xindian Dist., New Taipei City 23143, Taiwan (R.O.C.)
+886 911 461967 | cycheng@yahoo-inc.com | bryanyuan2.github.io

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 Pageineer:**
 - 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.

INSTITUTE OF INFORMATION SCIENCE, ACADEMIA SINICA

Intern, Digital Archive Architecture Laboratory

Taipei, Taiwan

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*.