

BRYAN CHUN-YUAN CHENG

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SUMMARY OF QUALIFICATIONS

- Be proficient in JavaScript, React with modern frontend framework development
- Highly self-motivated in modern FE stack, great teamwork ability, familiar with agile development.
- Experienced in release process and CI/CD pipeline
- Good understanding of PHP and Python
- High profiles of hackathon winner also experienced in world-class hackathon competitions in Yahoo, Mozilla, Facebook and Baidu.

TECHNICAL KEYWORDS

Frontend Skills: JavaScript, React, HTML/CSS

Backend Skills: PHP, Python

Research Interests: Information Retrieval, Data Mining, Opinion Mining

WORK EXPERIENCE

YAHOO

Taipei, Taiwan

Software Engineer, Search Engineering

September 2014 – Current

- Optimized user experience for Yahoo web/vertical search, improved the volume of various display advertisements with monetization features.
- Won 2015 CEO Challenge Award and 2016 Bot Challenge 1st Place

TAIWAN MOBILE INNOVATION

Taipei, Taiwan

Incubation Team, Startups

June 2014 – August 2014

- Project Pageiner:
 - 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.

INSTITUTE 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.

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

EDUCATION

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

- Focus on **Machine Learning** and **Information Retrieval**
Data Mining / Bioinformatics / Computational Biology / Agile Software Development
- **Honors:** 2011 Outstanding TA Award

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

COMMUNITY

G0V Summit 2014, Program Assistant November 2014

COSCUP 2012, Attendee Team Lead Feb 2012 – Aug 2012

Mozilla Taiwan Community, Localization Owner Sep 2009

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*.