

<Chi-An Wang/>

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<http://ca-wang.com>
@WangChiAn

SKILLS

Data Viz & Web Scraping

d3.js, topojson, beautifulsoup, Scrapy, Gephi, Highcharts

Programming & Analysis

Python, R, Obj-C, Matlab, C++, SQL

Web Development

HTML, CSS, Javascript (react.js, jQuery, bootstrap), PHP, APIs, Google Analytics

Other Tools

DSLR, Photoshop, Illustrator, Audition, git

Languages

Fluent Mandarin and English, conversational French

HONORS & AWARDS

Geffen Scholarship Fund

for excellence in academic achievement.

Yahoo Hack Taiwan 2013

Bronze Medal Award, built a prototype app in 24 hours that finds customized jogging routes based on patterns drawn by users.

Columbia University

Data + Journalism

Hackathon, Best Story

Award, about Bingo player donors in Federal Election Commission data.

REFERENCES

Mark Hansen, Professor, Columbia Journalism School, 212-851-9652, markh@columbia.edu

David Klatell, Professor, Columbia Journalism School, 212-854-3319, dklatell@columbia.edu

Viola Tsai, Editor, United Daily News, viola.tsai@udngroup.com.tw

EDUCATION

Columbia University, New York, N.Y.

Aug.2015 - May 2017

Graduate School of Journalism and The Fu Foundation School of Engineering and Applied Science, Dual Degree M.S. in Journalism and M.S. in Computer Science

Coursework in data analysis, information retrieval, advanced database system, reporting across multiple platform using text, audio, video, photo, data visualization. Covered transportation beat in Manhattan, stories ranged from maintenance of subways to the development of Citi Bike. Used Python to analyze the gender ratio and time of ridership of Citi Bike. Visualized the relationship between Citi Bike ridership and several factors including location of tourist spots, subway station and household income with d3.js. Wrote several stories on the election of a union by a tour bus company. Reported on the tour bus workers' benefit and commission packages, campaign tactics and contract offers.

National Taiwan University, Taipei, Taiwan

Sep.2009 - June 2013

Bachelor's Degree in Electrical Engineering

Term Abroad, École Polytechnique Femimum, Paris, France. Majored in Technology of Information and Communication, and worked on a "NAO Robot" project. Programmed the robot to dance, and talk with elderlies.

EXPERIENCE

Data Journalist, New Media Lab

Oct.2014 - May 2015

United Daily News (largest media outlet in Taiwan)

Implemented two or three data journalism projects a month. Established the standard operating procedure for data journalism projects with senior editors and designers. Developed the best practice of responsive design on web, pad and phone for data projects. Please refer to my portfolio for full project list. Selected projects as follow:

Visualized the reparation data of the "228 Massacre" in 1947 that killed 18,000 people, and wrote stories about popular uprisings through the perspective of transitional justice. Designed an interactive site to show the stories of the victims. Set a 100,000 visitors record of traffic and a high Facebook engagement rate.

URL: <http://bit.ly/udn-228>

Covered a fatal traffic accident story by analyzing government open data. Made a tool to simplify the process of geolocating address in Taiwan by using Google map API and the Parse database service. Visualized geodata on a custom styled interactive map that clusters data and tells the story of accidents in Taiwan.

URL: http://bit.ly/fatal_traffic

Founder and Chief Editor

April 2014 - June 2015

Wenz Weekly, Taipei, Taiwan

Founded an organization with 50 members that inserts aggregated weekly reviews of online news into newspapers to close the generation gap and provide different perspectives from mainstream media. Raised a NT\$200,000 crowd fund, supported by 189 people, on the largest platform in Taiwan to sustain printing business.

Selected topics for weekly aggregation. Topics include the debate over the statue of Chiang Kai-shek on campus and the death penalty in Taiwan, both aimed to stimulate conversations among newspaper readers. Responsible for final edit and submission on 2 a.m. deadline.

Intro Video: <http://bit.ly/wenz-intro>

iOS Software Developer Internship

July 2012 - Dec.2012

fanxin.tv, Taipei, Taiwan

Implement an iPad application alone from scratch. Integrated the app with Facebook authentication function and self-hosted membership api. Added animation and customized user interface into a Flipboard-like package to show different articles introducing a touristic spot. Distributed the app in the App Store.