Chi-An Wang

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EDUCATION

Columbia University, New York, N.Y   **Aug.2015 - May 2017**
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 and social media engagement.
• Cover the beat of transportation in Manhattan, and did projects combining data visualizations and text.
• 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. Also did 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

École Polytechnique Femimum, Paris, France   **Jan.2013 - June 2013**
Exchange student in Technology of information and communication
• Worked on "NAO Robot" project with five colleagues. We programmed to make the robot dance, and talk with elder-lies. Courses and project discussions in French.

EXPERIENCE

Data Engineer, New Media Lab   **Oct.2014 - May 2015**
United Daily News (largest media outlet in Taiwan)   *New Taipei County, 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 Tumblr 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 in cooperation with local reporters by exchanging information we found in data and perspectives they found in the field. 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 toursitic spot. Distributed the app in the App Store.

HONORS AND AWARDS

• Recipient of Geffen Scholarship Fund for excellence in academic achievement and overall record.
• 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.

SKILLS AND ACTIVITIES

• Programming Language, Web Development Tools and Frameworks:
   Expertise: Python (Scrapy), HTML, CSS, Javascript (jQuery, d3.js, bootstrap), API (Facebook, Google)
   Proficient: R, Obj-C (iOS), C++, react.js, topojson, beautifulsoup, underscore.js, Highcharts, C3.js
• Other Tools: Gephi, DSLR, Photoshop, Illustrator, Audition, CartoDB, Google Analytics, git, Slack
• Languages: Mandarin native speaker, conversational French

REFERENCES

• Prof. David Klatell, Columbia Journalism School, 212-854-3319, dklatell@columbia.edu
• Prof. Duy Linh Tu , Columbia Journalism School, 212-851-0791, dnt3@columbia.edu
• Viola Tsai, Former Employer of United Daily News, viola.tsai@udngroup.com