SIRUI ZHU

Portfolio available at : **siruizhu.github.io**

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SELECTED PROJECTS

What is the vainest country in the world?
https://siruizhu.github.io/plastic_surgery/
Exploration of plastic surgery around the world. Python and pandas for data cleaning and analysis, visualization using matplotlib and Illustrator.

Is the two-child policy welcomed by Chinese?
https://siruizhu.github.io/Two_child_policy/
Visualizations of fertility rates in China. Tabula and OCR to process PDF files, Python/pandas for analysis, matplotlib/Illustrator for visualization.

What do critics think of Asian Movies?
https://siruizhu.github.io/BBC_movie_critics/
Interactive visualization of film ratings. Selenium and BeautifulSoup to scrape data from IMDB and Douban. Python to geocode and export GeoJSON, Leaflet and Mapbox for the final visualization.

A sketch of Beijing's house rent
https://siruizhu.github.io/Beijing_house_rent/
Scrape beijing house rent data from Lianjia using BeautifulSoup, use Baidu API geocoded and analysis in Python, matplotlib/Illustrator for visualization.

IN PROGRESS

69 years of typhoons hitting China. Animated map with all the typhoon tracks over past 69 years. Using QGIS, D3, canvas, and TopoJSON.
The past 50 years of refugees crisis. D3 scrollytelling with interactive maps.

EDUCATION

Lede Program for Data Journalism, Columbia University
May 2018 - Dec. 2018 New York, USA
Courses covering: Python, data analysis with pandas, matplotlib, SQL, JavaScript, D3.js, basic machine learning (regression and prediction) and text analysis, web app development, geographic analysis with QGIS, Scrollytelling.

M.A., Broadcast Journalism, University of Sheffield
Sept. 2014 - Sept. 2015 Sheffield, UK
Portfolio: London's Chinatown Feels the Squeeze of Rent Rises (video)

B.A.,Broadcasting and Compering, Wuhan University
Sept. 2010 - June 2014 Wuhan, China
Dissertation: Analysis of China Reality Show from the Perspective of Communication.

AWARDS

Excellent Journalist of Wuhan University	*June 2011*
Excellent Student for University Article Writing Competition for Celebrating Xinhai Revolution 100th Anniversary	*Oct. 2011*

PROFESSIONAL SKILLS

Data: Python, pandas, matplotlib, SQL, APIs, Selenium, BeautifulSoup
Web: HTML, CSS, JavaScript, D3.js
Mapping: Leaflet, QGIS, Mapbox
Services: Github, Travis
Applications: Adobe Illustrator, Photoshop, Adobe Premiere, Final Cut Pro, Edius
Language: Mandarin(Native) English(Professional)

WORK EXPERIENCE

Wuhan Dyclub Data Technology Lit.Co. | Wuhan, China
Training Supervisor Nov. 2016 - May 2018
Organized more than twenty Dyclub data journalism online trainings: invited both Chinese and international data journalism experts. Researched data and visualization stories, managed and wrote articles on Dyclub Wechat channel's special column "Weekly Data Journalism" and "Data Journalism Review." Operated visualization tool *Dydata.io*, executed data analysis on users. Organized *"Third Data Journalism Competition"* and award ceremony.

Hubei Televisions | Wuhan, China
TV Producer   Mar 2016 - Oct. 2016
Produced children's reality show and wrote children's show script.

UK Chinese Times | London, UK
News Editor intern   June 2015 - July 2015
Edited international news pieces

China National Radio | Beijing
News Editor intern   Feb. 2013 - May 2013
Edited radio news,work on 2013 NPC and CPPCC reporting for two weeks.

VOLUNTEER WORK

Sheffield Student Union Charity Hitchhike	Mar. 2015
Wuhan Green NGO	Oct. 20112