

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. 2011