

# SIRUI ZHU

Portfolio available at : [siruizhu.github.io](https://siruizhu.github.io)

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## SELECTED PROJECTS

### Treasure of architecture: China to better protect architecture relics

<https://siruizhu.github.io/cultural--relics/>

API to access the data. Interactive graphics showing all cultural relics names, classifications and distribution.

### The past 50 years of refugees crisis

[https://siruizhu.github.io/refugee\\_project/](https://siruizhu.github.io/refugee_project/)

Exploration of 50 years refugees dataset. Python(pandas) for data cleaning and analysis, visualization using D3. Scrollytelling with interactive charts.

### Hollywood Age Gap: A Visual Exploration of Age and On-Screen Romance

<https://malbasi.github.io/hollywood-age-gap/>

Group project: Analyse the hollywood movies age gap. Visualization using D3. Scrollytelling with interactive charts.

### What is the vainest country in the world?

[https://siruizhu.github.io/plastic\\_surgery/](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.

### What do critics think of Asian Movies?

[https://siruizhu.github.io/BBC\\_movie\\_critics/](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.

## 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

Oct. 2011

Xinhai Revolution 100th Anniversary

## PROFESSIONAL SKILLS

**Data:** Python, pandas, matplotlib, SQL, APIs, Selenium, BeautifulSoup

**Web:** HTML, CSS, JavaScript, D3.js

**Mapping:** Leaflet, QGIS, Mapbox

**Services:** Github, Travis, Heroku

**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