

# SIRUI ZHU

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

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## SELECTED PROJECTS

### China's Long March to space

<https://graphics.reuters.com/SPACE-EXPLORATION-MOON/0100BoBH0NZ/index.html> Researching China space program and processing data. Using After effects for animations, Illustrator for rockets illustrations, using Ai2html and responsive web design. .

### Apple products made in China could face tariffs by year's end

<https://graphics.reuters.com/USA-TRADE-APPLE/0100B25R11Y/index.html> Collaborate with a colleague. Data processing and research. Icons illustrations and interactive scrollytelling.

### 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.

## EDUCATION

### Lede Program for Data Journalism, Columbia University

May 2018 - Dec. 2018 New York, USA

Courses: 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.

## VOLUNTEER WORK

Sheffield Student Union Charity Hitchhike  
Wuhan Green NGO

Mar. 2015  
Oct. 2011

## PROFESSIONAL SKILLS

**Data:** Python, pandas, matplotlib, SQL, APIs, Selenium, BeautifulSoup  
**Web:** HTML, CSS, JavaScript, D3.js, Ai2html  
**Mapping:** Leaflet, QGIS, Mapbox  
**Services:** Github, Travis, Heroku  
**Applications:** Adobe Illustrator, Photoshop, After Effects, Adobe Premiere, Final Cut Pro, Edius  
**Language:** Mandarin(Native)  
English(Professional)

## WORK EXPERIENCE

### Thomson Reuters | New York, USA

*Data Visualization Developer intern*

April 1st 2019 to present

Designing and developing interactive & static graphics for daily news and special reports.

### Wuhan Dyclub Data Technology

**Lit.Co. | Wuhan, China**

*Training Supervisor* Nov. 2016 - May 2018

Organized more than twenty Dyclub data journalism online trainings. Managed and wrote articles on Wechat channel's special column "Weekly Data Journalism." 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 scripts.

### 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.

## AWARDS

Excellent Journalist of Wuhan University

June 2011

Excellent Student for University Article Writing Competition for Celebrating Xinhai Revolution 100th Anniversary

Oct. 2011