SIRUI ZHU

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

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SELECTED PROJECTS

China's Long March to space

https://graphics.reuters.com/SPACE-EXPLORATION-MOON/0100B0BH0NZ/index.html Researching China space program and processing data. Using After effects for animations, Illustrator for rockets illustrations, using Ai2html and responsive web design.

A look at Alibaba's "Double 11" shopping day, the world's largest online retail event

https://graphics.reuters.com/SINGLES-DAY-ALIBABA/0100B30E24T/index.html Researching on Chinese Singles' Day shopping event. Gathering and processing data. Using illustrations and animation to highlight the visuals, using JavaScript to develop interactive chart.

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. Icon 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/ 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.

PROFESSIONAL SKILLS

Data: Python, pandas, matplotlib, SQL, APIs, Selenium, BeautifulSoup
Web: HTML, CSS, JavaScript, D3.js, Ai2html
Mapping: QGIS, Mapbox, Leaflet
Services: Github, Git, 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; Reporting data-driven stories, topics include immigration, finance, culture and environment.

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 the *"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, worked on 2013 NPC and CPPCC reporting for two weeks.

AWARDS & VOLUNTEER

Excellent Journalist of Wuhan University   2011.6
Excellent Student for University Article Writing Competition for Xinhai Revolution 100th Anniversary   *2011.10*
Sheffield Student Union Charity Hitchhike   2015.3
Wuhan Green NGO   Oct. 2011