SIRUI ZHU

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

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SELECTED PROJECTS

Tianwen1 to mars
Using JavaScript for interactive and responsive web design.

What can we tell from the evolution of Han Chinese names?
(Freelance work for Kontinentalist)
Using JavaScript and D3.js developing two interactive graphics showing the evolution of male/female top 20 given names and developing the searching name function.

China's Long March to space
Researching China's 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
Researching on Chinese Singles' Day shopping event. Gathering and processing data. Using illustrations and animation to highlight the visuals, using JavaScript to develop interactive charts.

Vaping crisis
Researching on vaping issues in the U.S., came up with ideas and illustrations, using JavaScript to develop 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.

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

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

Data viz editor | Beijing, China
August 2020 to present
Doing story research, writing and developing interactive graphics and pages.

Freelance dataviz developer | China
April 2020 to present
Designing graphics and pitching ideas to organizations.

Thomson Reuters | New York, USA
Data visualization developer intern
April 1st 2019 to Dec. 31 2019
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 training. Managed and wrote articles on Wechat channel's special column "Weekly Data Journalism."

Hubei Televisions | Wuhan, China
TV Producer   Mar 2016 - Oct. 2016
Produced children's reality shows 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.