

XINYU ZHOU

220 Handan Rd., Shanghai, China 200430
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Education **School of Public Health, Fudan University** (Sep. 2017–Jun. 2022(Exp.)) Shanghai, China
Bachelor of Art in Management (Health Policy and Management Track)
Double major in Chinese Language and Literature
GPA: 3.48/4.00; Ranking: 12/120

School of Social Science, UC Irvine (Sep. 2019- Dec. 2019) Irvine, CA
UC exchange program; GPA: 4.00/4.00

Research **RESEARCH INTEREST**
Text mining, Social Media, Mental Health, Health Policy, COVID-19

IN PRESS

Zhiyuan Hou, Fanxing Du, **Xinyu Zhou**, Hao Jiang, Sam Martin, Heidi Larson, and Leesa Lin:
“Cross-Country Comparison of Public Attention, Rumours, and Behavioural Responses to the COVID-19 Epidemic: An Internet Surveillance Study” (Mar. 2020 - May 2020)

Zhiyuan Hou, **Xinyu Zhou**, Hao Jiang, Fanxing Du, Heidi Larson, and Leesa Lin: **“Assessment of public awareness, risk perception and mental health burden during the first 3 months of the COVID-19 epidemic in China: a social media surveillance”** (Jan. 2020 - May 2020)

IN PREPARATION

“Time series analysis of Tweeting and behavioural response: a case study of Twitter hashtags surrounding the mass shooting and mental health emergency visit” (Nov. 2020 – Now)

Supervisor: Professor Tim Bruckner

- Collected over 3,000,000 Tweets with a Python web crawler designed in “Scrapy” framework, and collected geotag of all those Tweets. Collected more than 1,000,000 Twitter profile locations.
- Located Twitter users to the county level with an innovative approach with the gazetteer system. Wrote a Python program which utilized both profile location and geotag of Tweets.

“Vaccine hesitancy phenomenon during and after the Changsheng vaccine crisis: evidence from social network mining in Sina Weibo” (Feb. 2019 – Now)

Supervisor: Professor Zhiyuan Hou

Collected around 1,000,000 microblogs surrounding Changsheng vaccine crisis with online servers and Python web crawlers. Collected data from Sogou Wechat Index with Python web crawlers. Collected thousands of news from Baidu News with software “Octoparse”.

Skills **R programming:** Linear Regression, Simulation, Bootstrap sampling, and “ggplot2”
Python programming: Logistics Regression, LDA, Web Scraper

Leadership **Class monitor**, Fudan University School of Public Health (Started from Oct. 2018)
Club President, Fudan Chinese Chess Association (Sep. 2018-Jul. 2019)
Vice-minister, Department of New Media, Fudan University Student Union (Sep. 2018-Jan. 2019)
Ministry Assistant, Department of external relationship, Fudan University Student Union (Mar. 2018-Jul. 2018)

(updated on Jun 23, 2020)