Yuwei (Will) CHUAI

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Education

▶ **University of Luxembourg, Luxembourg**, *September 2021 - February 2022*
Exchange Student in Master of Science in Economics and Finance
Main Courses: Behavioral Finance, Econometrics (III) (STATA), Household Finance, Fund Management and the Asset Management Industry

▶ **Beihang University (BUAA), Beijing**, *September 2019 - January 2022*
M.S. Management Science and Engineering
Main Courses: Advanced Mathematical Programming (94), Introduction to Data Mining (90), Advanced Applied Statistics (91), Data Analysis with Applications in R (98)

▶ **Hefei University of Technology (HFUT), Hefei**, *September 2015 - July 2019*
B.A. Information Management and Information System
GPA: 3.77/4.3, Ranking: 2/98
Main Courses: Advanced Mathematics (97, 92), Linear Algebra (97), Management Informatics (97), Operational Research (99), Business Data Analysis (96)

Research Interests

▶ **Social Media, Social Network**

▶ **Tourism Management**

▶ **Computational Social Science**

▶ **Consumer Behavior**

▶ **Digital Communication**

▶ **Financial Technology**

Research Experience

▶ **Research on the Emotions of Tourists Based on Social Media**
First Author, July 2020 – Present

◇ Detected emotions embedded in the tens of millions of tourism tweets from Weibo.

◇ Analyzed time-series changes of tourists' emotions, topics tourists discussed in the tweets, and the relationships between emotions and topics.

◇ Built regression models to quantify the differences of tourists' emotions between individual holidays and national holidays.

◇ Tourists' negative emotions unexpectedly increase in national holidays.

▶ **What Enhances the Spread of COVID-19 Content on Twitter?**
First Author, June 2020 – August 2021

◇ Most negative emotions have positive effects on retweeting, but the positive effect of trust on retweeting is the strongest.

◇ The positive effects of political topic and mentioning politicians indicate that people are sensitive to the politicization of disasters.

◇ The strongest anger intensity in the political topic also needs to be noticed.

◇ The results complement perceptions of information diffusion during COVID-19 and provide insights for the government to understand the psychology and behavior of people during disasters.

▶ **Research on the Diffusion Mechanism of Online Information**
First Author, July 2019 – Present

◇ Analyzed the emotional differences between true and fake news, conducted statistical tests.

◇ Built information diffusion models to analyze the effects of emotions on retweeting.

◇ Collected 1,316 questionnaires and analyzed users' retweeting motivations.

◇ Fake news contains more anger than real news, anger can enhance the spread of news by stimulating information-sharing and anxiety management incentives.

Academic Achievements

Working Papers

◇ Chuai, Y., & Zhao, J. (2021). *National Holidays Lead to Less Joy But More Anger Than Individual Holidays in Chinese Tourists: Evidence From Social Media*. Preparing manuscript for submission.

◇ Chuai, Y., & Zhao, J. (2021). *What Enhances the Spread of COVID-19 Content on Twitter?* Preparing manuscript for submission.

◇ Chuai, Y., & Zhao, J. (2020). *Anger Makes Fake News Viral Online*. **ArXiv**.

Media Coverage

▶ **New Scientist**

◇ Fake news gets shared more when it is angry and anxiety-inducing (22/05/2020)

- ▶ **School of Economics and Management, Beihang University**

  - ◇ The working paper of a postgraduate in our school was reported by New Scientist, a famous British science and technology magazine (25/05/2020)

- ▶ **Communications of the ACM**

  - ◇ Fake News Gets Shared More When It is Angry, Anxiety-Inducing (04/06/2020)

- ▶ **The Quint**

  - ◇ Mood, Emotional State Make You Fall For Online Misinformation (19/11/2020)

Working Experience

- ▶ **China Wealth Management 50 Forum (CWM50)**
  Research Assistant, July 2021 – September 2021

Teaching Experience

Teaching Assistant

- ▶ **Beihang University**

  - ◇ B1B082110: Programming in C, *Fall 2019, Fall 2020*

Honors & Awards

- ◇ Second-Class Academic Scholarship, *2020*

- ◇ Outstanding Graduate of Anhui Province, *2019*

- ◇ National Encouragement Scholarship, *2016, 2017, 2018*

- ◇ First-Class Scholarship, *2017*

Departmental & University Service

Departmental Service

- ▶ **School of Economics and Management, Beihang University**

  - ◇ Graduate Consultant, *September 2020 – September 2021*

- ▶ **School of Management, Hefei University of Technology**

  - ◇ Students Counsellor Assistant, *Sep 2016 – July 2017, Sep 2018 – June 2019*

Skills

▶ **Programming:** Python, R, SQL, Java, C, LaTeX

▶ **Languages:** English (IELTS – 6.5, GMAT – 610)

▶ **Tools/Framework:** NumPy, pandas, scikit-learn, PyTorch, Gensim, Networkx, Stata

▶ **Data Visualization:** ECharts, Matplotlib, ggplot2, seaborn

Hobbies

▶ Fitness

▶ Outdoor Activities

▶ Traveling

▶ Movie

▶ Photograph