

# Yuwei (Will) CHUAI

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## Education

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- ▶ **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

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- ▶ Social Media, Social Network
- ▶ Computational Social Science
- ▶ Consumer Behavior
- ▶ Digital Communication
- ▶ Financial Technology

## Research Experience

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- ▶ **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.

## ► 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

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### 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. (2020). *Anger Makes Fake News Viral Online*. **ArXiv**.

## Media Coverage

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### ► 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)

## Teaching Experience

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### Teaching Assistant \_\_\_\_\_

### ► Beihang University

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

## Honors & Awards

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- ◇ Second-Class Academic Scholarship, *2020*
- ◇ Outstanding Graduate of Anhui Province, *2019*
- ◇ National Encouragement Scholarship, *2016, 2017, 2018*
- ◇ First-Class Scholarship, *2017*

## Departmental & University Service

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### Departmental Service

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#### ► 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

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- **Programming:** Python, R, SQL, Java, C,  $\text{\LaTeX}$
- **Languages:** English (IELTS – 6.5, GMAT – 610)
- **Tools/Framework:** NumPy, pandas, scikit-learn, PyTorch, Gensim, Networkx, Stata
- **Data Visualization:** ECharts, Matplotlib, ggplot2, seaborn

## Hobbies

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- Fitness
- Outdoor Activities
- Traveling
- Movie
- Photograph