

XINGCHEN (CEDRIC) XU

(+86) 136-6130-8307 • cedric_xingchen_xu@163.com • LinkedIn

EDUCATION

Tsinghua University, Beijing, China 08/2016 – 07/2021 (Expected)
B.A. in Information Management and Information Systems, GPA: 3.88/4, Rank: 1/29

RESEARCH INTEREST

Digital Platform, Market Design, Recommender Systems, Artificial Intelligence, Data Regulation, Matching Market

RESEARCH EXPERIENCE

Beijing Summer Dating Technology Co. External Researcher 07/2019 – Present

- Designed a large-scale randomized field experiment to explore how demand information affects the distribution of users' matching requests and further influence the matching efficiency in an online dating market.
- Designed a large-scale randomized field experiment to identify the effect of ephemeral sharing design on users' information sharing behaviors and matching outcomes in an online dating market.
- Developed a facial attractiveness prediction system by combining Convolutional Neural Networks (CNN) and Bayesian Ridge Regression under the Transfer Learning Framework.
- Built the entire architecture of a recommender system, and implemented a large-scale randomized field experiment to examine the effect of different algorithms under the impact of AI Disclosure.
- Conducted a large-scale randomized field experiment to explore the effect of network size on users' perception of competition and engagement.
- Conducted data analyses to evaluate the treatment effects, undercover mechanisms, and optimize treatments using econometric models and machine learning.

WORKING PAPERS

- Huang N, He Y, Burtch G, Xu X, Hong Y (2019), "Examining the Effects of Demand Information Disclosure on Congestion and Matching Efficiency in Online Dating."
 - *Information Systems Research*, Under 2nd round review. [PDF].
 - 2020 INFORMS eBusiness Cluster Best Paper Nomination.
 - Preliminary version appeared in 2020 *INFORMS Conference on Information Systems and Technology (CIST)*, 2020 *International Conference on Information Systems (ICIS)*, 2020 *INFORMS Annual Meeting*, 2020 *Workshop on Information Systems and Economics (WISE)*.
- He Y, Xu X, Huang N, Hong Y, Liu D (2020), "Preserving User Privacy Through Ephemeral Sharing: A Large-Scale Randomized Field Experiment in the Online Dating Context."
 - Preparing for submission, completed draft available. [PDF].
 - Preliminary version appeared in 2020 *Workshop on Information Systems and Economics (WISE)*, 2020 *Conference on Digital Experimentation (CODE)*.

EXTRACURRICULAR ACTIVITIES

Student Union in School of Economics and Management Vice President 05/2019 – 10/2020

- As the leader of Department of Public Relations and Social Activity, initiated and maintained cooperation with more than ten industry-leading companies, such as JD.com, Zhihu and Lark (held by ByteDance).
- Responsible for four big social events and acquired more than 500,000RMB (\$71,000) external funding for them.

SELECTED AWARDS

- Comprehensive Excellence Award, Tsinghua University, 2019 (Top 3%)
- China National Scholarship for Undergraduate Students, Chinese Ministry of Education, 2018 (Top 1%)
- Zheng Weimin Scholarship, Tsinghua University, 2018 (Top 1%)

SKILLS AND OTHERS

- **Languages:** Proficient in English (GMAT: 740)
- **Programming Languages:** Python, C/C++, R, Stata, SPSS, JavaScript, HTML/CSS, Bash, Java, Fortran
- **Tools and Frameworks:** Git, L^AT_EX, PyTorch, TensorFlow, Keras, OpenCV, django