Changyang He

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EDUCATION

Hong Kong University of Science and Technology Hong Kong SAR, China
Ph.D. in Computer Science and Engineering, Advisor: Bo Li Sept. 2020–Current

Fudan University Shanghai, China
B.S. in Advanced class of Computer Science, Advisor: Tun Lu, Yangfan Zhou Sept. 2016–June 2020

- GPA: 3.67/4.0 Ranking: top 10%

RESEARCH INTERESTS

- Human-computer interaction, social computing, computer-supported cooperative work, health informatics, video and live streaming

MANUSCRIPT

1. **Changyang He**, Lu He, Zhicong Lu, Bo Li. "Seeking Love and Companionship through Streaming: A Study of Livestreaming-Based Senior Matchmaking in China." *Under Major Revision of CSCW 2022, to resubmit in January 2022*

2. Lu He, **Changyang He**. "Help Me #DebunkThis: Unpacking Individual and Community's Collaborative Work in Information Credibility Assessment." *Under Major Revision of CSCW 2022, to resubmit in January 2022*

PUBLICATIONS

* indicates an equal contribution.

Peer-reviewed Journals

[J1] **Changyang He**, Huan Liu, Lu He, Tun Lu, Bo Li. "More Collaboration, Less Seriousness: Investigating New Strategies for Promoting Youth Engagement in Government-Generated Videos during the COVID-19 Pandemic in China." In Computers in Human Behavior.

[J2] Lu He*, **Changyang He***, Tera L Reynolds, Qiushi Bai, Yicong Huang, Chen Li, Kai Zheng, Yunan Chen. "Why do people oppose mask wearing? A comprehensive analysis of US tweets during the COVID-19 Pandemic." In Journal of the American Medical Informatics Association 2021. **Editor's Choice**

Peer-reviewed Conference Proceedings

[C1] **Changyang He**, Lu He, Tun Lu, Bo Li. "Beyond Entertainment: Unpacking Danmaku and Comments' Role of Information Sharing and Sentiment Expression in Online Crisis Videos." In Proceedings of the ACM on Human-Computer Interaction, 5(CSCW). (CSCW 2021)

[C2] Yuhu Chang*, **Changyang He***, Yingying Zhao, Tun Lu, Ning Gu. 2021. "A High-Frame-Rate Eye-Tracking Framework For Mobile Devices." In Proceedings of the 2021 IEEE International Conference on Acoustics, Speech, and Signal Processing. (ICASSP 2021)

[C3] Lu He, **Changyang He**, Yue Wang, Zhaoxian Hu, Kai Zheng, Yunan Chen. 2020. "What Do Patients Care About? Mining Fine-grained Patient Concerns from Online Physician Reviews Through Computer-Assisted Multi-level Qualitative Analysis." In Proceedings of the 2020 AMIA Annual Symposium. (AMIA 2020) **Student Paper Competition Finalist**

Visiting and Internship

University of California, Irvine — Irvine, USA
Research Assistant, Advisor: Kai Zheng, Yunan Chen — July 2019 –Aug. 2019

Dartmouth College — Hanover, USA
Research Assistant, Advisor: Xingdong Yang — Jan. 2019 –Mar. 2019

Scholarships and Awards

- Student Paper Competition Finalist (AMIA 2020) — 2020
- Outstanding Graduate of Shanghai (5%) — 2020
- Honor Graduate of Advanced Class (5%, 5000 CNY) — 2020
- Outstanding Undergraduate of Fudan University (10%) — 2017–2018
- Fudan Oversea Visiting Student Stipend (15000 CNY) — 2019
- First Grade Scholarship of Fudan University (5%) — 2017
- Second Grade Scholarship of Fudan University (10%) — 2019
- Third Grade Scholarship of Fudan University (20%) — 2018

Talks and Presentations

- "Beyond Entertainment: Unpacking Danmaku and Comments' Role of Information Sharing and Sentiment Expression in Online Crisis Videos."
  CSCW 2021, Virtual Event. — Nov. 2021

- "A High-Frame-Rate Eye-Tracking Framework For Mobile Devices."
  ICASSP 2021, Virtual Event. — June 2021

- "What Do Patients Care About? Mining Fine-grained Patient Concerns from Online Physician Reviews Through Computer-Assisted Multi-level Qualitative Analysis."
  AMIA Annual Symposium 2020, Virtual Event. (Co-present with Lu He) — Nov. 2020

Teaching

- COMP3511 (Operating Systems) — 2021

Extracurricular Activities

- Minister of Academic Affairs, Student Union of the school of Computer Science, Fudan University — 2017–2018
- President of Table Tennis Club, Zhangjiang Campus, Fudan University — 2017–2018
- Teaching volunteer in Hainan Province — 2018

Skills

- **Program Languages:** Python, R, JavaScript, Java, C/C++, SQL, LaTeX

- **Framework:** Pytorch, Tensorflow, Vue

Languages

- **Mandarin:** Native
- **English:** Fluent
- **TOEFL-iBT:** 102
- **German:** Novice