

EDUCATION

Hong Kong University of Science and Technology

Ph.D. in Computer Science and Engineering, Advisor: Bo Li

Hong Kong SAR, China

Sept. 2020–Current

Fudan University

B.S. in Advanced class of Computer Science, Advisor: Tun Lu, Yangfan Zhou

Shanghai, China

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, resubmitted 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, resubmitted in January 2022*
3. **Changyang He**, Lu He, Zhicong Lu, Bo Li. “I Have to Use My Son’s QR Code to Run the Business: Unpacking Senior Street Vendors’ Challenges in Mobile Money Collection in China.” *Submitted to CSCW in January 2022*
4. **Changyang He**, Yue Deng, Wenjie Yang, Bo Li. “Help! Can You Hear Me?: Understanding How Help-Seeking Posts are Overwhelmed on Social Media during a Natural Disaster.” *Submitted to CSCW 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 Research Assistant, Advisor: Kai Zheng, Yunan Chen	Irvine, USA July 2019 –Aug. 2019
Dartmouth College Research Assistant, Advisor: Xingdong Yang	Hanover, USA 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
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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