

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

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.” To appear 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). (to appear at 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

- | | |
|---|-----------|
| • “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