



Yang Liu

Postdoctoral Scholar, Psychiatry

 Curriculum Vitae available Online

Bio

BIO

Dr. Yang Liu is currently a senior postdoctoral scholar with the Department of Psychiatry and Behavioral Sciences, Stanford University, since Dec. 2024. He was a PI of the North Ostrobothnia Regional Fund of the Finnish Cultural Foundation and the Instrumentarium Science Foundation, carrying out research on digital pain detection with affective intelligence. Dr. Liu coordinated and managed "AI Forum" and "ICT 2023 TrustFace" projects during his postdoctoral research in University of Oulu since Jan. 2022, led by Professor Guoying Zhao, member of Academia Europaea, member of the Finnish Academy of Sciences and Letters, IEEE/IAPR/ELLIS Fellow. He was also a former researcher with the Haaga-Helia University of Applied Sciences, in 2023, and was a visiting scholar with Hong Kong Baptist University (Prof. Pong Chi Yuen) and University of Cambridge (Prof. Hatice Gunes), in 2023 and 2024, respectively. Dr. Liu has published more than 30 papers in reputable journals and proceedings. He was the Guest Associate Editor of Frontiers in Psychology and Frontiers in Human Neurosciences, and organized tutorials in and workshops in international conferences, i.e., HHAI2024 and IEEE FG2025. Dr. Liu was an Assistant Lecturer of the "Affective Computing" course in University of Oulu, in 2023. He mentored junior doctoral researchers and co-supervised four master students. His research interests include affective computing, cognitive computation for cross-species behavioral, and AI for aging medicine.

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Institute of Electrical and Electronics Engineers (IEEE) (2025 - present)
- Member, Chinese Association for Artificial Intelligence (CAAI) (2024 - present)
- Member, Finnish Center for Artificial Intelligence (FCAI) (2023 - present)

PROFESSIONAL EDUCATION

- Doctor of Science, South China University Of Technology (2021)
- Postdoc, University of Oulu, Finland , Affective Computing (2022)
- Visiting Scholar, Hong Kong Baptist University , Digital face forgery detection (2023)
- Visiting Scholar, University of Cambridge , Pain detection and social robot (2024)

STANFORD ADVISORS

- Ehsan Adeli, Postdoctoral Faculty Sponsor
- Feng Lin, Postdoctoral Research Mentor

LINKS

- Google Scholar: <https://scholar.google.com/citations?user=KBoCQLoAAAAJ&hl=en>
- CogT Lab: <https://www.cogtlab.com/>

Research & Scholarship

PROJECTS

- Bridging Large Affective Intelligence and Personalized Pain Detection - Instrumentarium Science Foundation (7/1/2024 - present)
- Towards Crowdsensing Facial Affect Encoder for Trustworthy Mental Wellbeing: A study of Workplace Pain Detection - Finnish Cultural Foundation (1/1/2024 - 12/31/2024)