Xinrui Fang

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The University of Tokyo
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Education

2024, Apr. - Present	**The University of Tokyo, Japan** Doctoral Student, Emerging Design and Informatics, Graduate School of Interdisciplinary Information Studies Advisor: Prof. Koji Yatani
2020, Apr. - 2022, Mar.	**Keio University, Japan** M.S., Information and Computer Science School of Science for Open and Environmental Systems Advisor: Prof. Yuta Sugiura
2015, Sept. - 2019, Jun.	**Dalian University of Technology, China** B.Sc., Digital Media Technology School of Software Study abroad: TU Darmstadt, Germany Advisor: Prof. Zhihui Wang

Research & Work Experience

2024, Apr. - Present	Research Assistant, IIS Lab, The University of Tokyo, (Advisor: Prof. Koji Yatani)
2022, Apr. - 2024, Mar.	Software Engineer, Rakuten Group, Inc., Tokyo, Develop Rakuten Cash backend service
2021, Nov. - 2022, Mar.	Research Assistant, Inoue lab, Keio University, (Advisor: Prof. Masaki Inoue)
2021, Jun. - 2021, Oct.	Research Intern, ERFI lab, City University of Hongkong, (Advisor: Prof. Can Liu)

Awards & Honors

2024	SPRING GX Fellowship (Research support for 3 years)
2021	Sony Sensing Solution Hackthon: Outstanding Award (¥100,000)
2021	Keio Graduate School Scholarship (¥500,000)
2021	KF-ICC Scholarship (¥720,000)
2020	Fujiwara Scholarship (¥50,000)
2020	JASSO Scholarship (¥480,000)

Publications

Google Scholar

Peer-Reviewed Journal Articles

J1. Chengshuo Xia, **Xinrui Fang**, Riku Arakawa & Yuta Sugiura. VoLearn: A Cross-Modal Operable Motion-Learning System Combined with Virtual Avatar and Auditory Feedback. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.* (IMWUT'22) **6.** https://doi.org/10.1145/3534576 (2022).

J2. M Takeda, M Inoue, **Xinrui Fang**, Y Minami & JM Maestre. Light Guidance Control of Human Drivers: Driver Modeling, Control System Design, and VR Experiment. *IFAC-PapersOnLine* **55.** https://doi.org/10.1016/j.ifacol.2023.01.099 (2022).

Peer-Reviewed Conference Proceedings

C1. **Xinrui Fang**, Anran Xu, Chi-Lan Yang, Ya-Fang Lin, Sylvain Malacria & Koji Yatani. LLM-based In-situ Thought Exchanges for Critical Paper Reading. in *arXiv preprint* (2025). https://arxiv.org/abs/2510.15234.

C2. **Xinrui Fang**, Takuro Watanabe, Chengshuo Xia & Arthur Torck. Knock Knock: A Children-oriented Vocabulary Learning Tangible User Interaction System. in *Proceedings of the Augmented Humans International Conference 2022* (AHs'22) (2022), 35–39. https://doi.org/10.1145/3519391.3519403.

C3. **Xinrui Fang**, Chengshuo Xia & Yuta Sugiura. FacialPen: Using Facial Detection to Augment Pen-Based Interaction. in *Proceedings of the Asian CHI Symposium 2021* (Asian CHI'21) (2021), 1–8. https://doi.org/10.1145/3429360.3467672.

Peer-Reviewed Workshop/Poster/Demo Papers

W1. Jonas Oppenlaender, Sylvain Malacria, **Xinrui Fang**, Niels van Berkel, Fanny Chevalier, Koji Yatani & Simo Hosio. Meta-HCI: First Workshop on Meta-Research in HCI. *Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems* (CHI EA'25). 2025. https://doi.org/10.1145/3706599.3706723.

W2. **Xinrui Fang**, Anran Xu, Sylvain Malacria & Koji Yatani. Exploring Practices, Challenges, and Design Implications for Citation Foraging, Management, and Synthesis. *Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems* (CHI EA'25). 2025. https://doi.org/10.1145/3706599.3719883.

W3. Chengshuo Xia, **Xinrui Fang** & Yuta Sugiura. VoLearn: An Operable Motor Learning System with Auditory Feedback. *Adjunct Proceedings of the 34th Annual ACM Symposium on User Interface Software and Technology* (UIST '21 Adjunct). 2021. https://doi.org/10.1145/3474349.3480186.

Teaching

Keio University

2021 Teaching Assistant, Real world interactive system

Academic Service

External Reviewer

2026	IEEE VR
2025	ACM CHI LBW
2022	ACM CHI LBW

Student Volunteer

2021	UIST, ASSETS

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