

Manling YANG

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Education	Hong Kong University of Science and Technology (Guangzhou) MPhil student of Computational Media and Arts Mentors: Prof. Wei Zeng, Prof. Luwen Yu	Sep. 2023 – Present
	Chongqing University B.Eng. in Electronic Information Engineering Mentors: Prof. Jinglan Ou, Prof. Li Liu	Sep. 2019 – Jun. 2023
Publications	C2Ideas: Supporting Creative Interior Color Design Ideation with Large Language Model C2 Yihan Hou, Manling Yang , Hao Cui, Lei Wang, Jie Xu, and Wei Zeng. <i>Proceedings of The ACM CHI Conference on Human Factors in Computing Systems (CHI)</i> , 2024.	
	A Survey of Computer Vision-Based Fall Detection and Technology Perspectives C1 Manling Yang , Xiaohu Li, Jiawei Liu, Shu Wang, and Li Liu. <i>CCF Conference on Computer Supported Cooperative Work and Social Computing (ChineseCSCW)</i> , 2022.	
Research	Tufts University	Advised by Prof. Remco Chang
Experience	Visual Analytics Laboratory	Dec. 2023 – present
	<ul style="list-style-type: none">• Led an eye-tracking study involving over 60 participants, constructing the corresponding dataset.• Analyzed and recovered human viewing behaviors on dashboard objects and layout designs.• Developed a saliency model with innovative structure integrates both elements and layout information.	
	Hong Kong University of Science and Technology Collaborative Interactive Visualization & Analysis Lab	Advised by Prof. Wei Zeng Sep. 2022 – present
	<ul style="list-style-type: none">• Surveyed graphic overlay patterns and the interplay between visuals and text in financial visualizations.• Contributed to the development of a creative interior color design tool powered by an intent-aligned, domain-specific large language model. C2	
	Chongqing University IOT & Motion Big Data Lab	Advised by Prof. Li Liu Apr. 2022 – Jun. 2023
	<ul style="list-style-type: none">• Participated the research of human fall detection using causal learning from time-series data.• Conducted a survey on human fall detection based on computer vision techniques. C1	
Teaching	Teaching Assistant	Fall 2022
Experience	School of Microelectronics and Communication Engineering, Chongqing University Course name: Digital Electronic Technology	
Scholarship	Comprehensive Scholarship (2nd Class), Chongqing University	9/2022
	Comprehensive Scholarship (3rd Class), Chongqing University	3/2023
	Exchange Program Scholarship, Chongqing University	8/2021
Service	Student Volunteer, VINCI 2023	Sep. 2023
Skills	Programming: Python, MATLAB, Latex.	
	Software: Figma, Illustrator.	
	Computing: PyTorch, Tensorflow, Sklearn, Numpy, Pandas, etc.	