Hongxin Fu

April 24th, 2001   aprilf@mail.bnu.edu.cn   april-fu.com

Education

MFA in Artistic Design (Digital Media Art)   08/2023 – 07/2026
Beijing Normal University   Zhuhai, China
GPA 3.7 / 4.0

BEng in Software Engineering   08/2019 – 07/2023
Zhejiang Gongshang University   Hangzhou, China
GPA 85.36 / 100

Languages

English
IELTS 7.5 (L 8.0 | R 9.0 | W 6.5 | S 6.5)

Experience

Research Assistant   09/2025 – Present
The Hong Kong University of Science and Technology (Guangzhou)   Guangzhou, China
Supervisor: Prof. Yanlin Zhang

Visualization Designer and Developer   06/2025 – Present
HCI+ Program   remote
Supervisors: Prof. Xiaoyu Zhang(CityuHK) and Prof. April Yi Wang(ETH Zürich)

Visiting Research Student   04/2025 – 08/2025
The Hong Kong University of Science and Technology (Guangzhou)   Guangzhou,China
Supervisor: Prof. Yanlin Zhang

Language Program   09/2019 – 10/2019
University of Pennsylvania   Philadelphia, USA
Cross-cultural Communication and Leadership Development

Awards

Short-Term Exchange Program Group Scholarship   12/2019

Outstanding Capability Scholarship (2021-2023)   05/2023

Academic Excellence Scholarship - First Class   10/2024

Academic Excellence Scholarship - Second Class   10/2025

Zhejiang Provincial Student Service Outsourcing Innovation and Application   05/2022
Competition - First Prize (2/5)

International User Experience Innovation Competition (UXD Award)   09/2024
- Second Prize & Best Development Application Award (3/5)

KAN TAI-KEUNG DESIGN AWARD-UI design (Student group)   11/2024
- First Prize (3/3)

Publication

LitRank: An Interactive Tool for Ranking and Field Inference in Literary Data   02/2025
Hongxin Fu, Ning Zhang, Chengtao Ji, Lijie Yao, Wei Li
2025 7th International Conference on Software Engineering and Computer Science
(CSECS)

Notrix: Understanding Machine Learning Solutions in Computational notebooks at Scale   Present
Xiaotian Su, Hongxin Fu, Xiaoyu Zhang*, April Yi Wang*
Submitted to the ACM Symposium on User Interface Software and Technology (UIST) 2026

Projects

Interactive Visual Analytics for Comparing and Refining Clustering Results in Spatial Transcriptomics   04/2025 – Present
Hongxin Fu, Junning Feng, Yanlin Zhang*
A visual analytics system to evaluate, compare, and locally refine clustering results in spatial transcriptomics, with integrated downstream analysis to support iterative interpretation.

Posters

Escaping Dementia: Early Warnings from Protein Indicators   07/2025
Hongxin Fu, Wei Li*
The 12th China Visualization and Visual Analytics Conference (Chinavis) poster

Escaping Dementia: Early Warnings from Protein Indicators   08/2024
Hongxin Fu, Wei Li*
The **Information is Beautiful Award 2024 - Longlist**

Searching for Patterns in the Forbidden City - AIGC interactive exploration experience based on the window lattice of the Forbidden City   11/2024
Yiyu Fang, Zihong Zhao, Vivian Huang, Hongxin Fu
The First Global Heads Forum in Education and The Inauguration Conference of The Global Alliance of Educational Leaders and Department Heads (GAELDH) 2024

Exhibitions

Fluid Soundscapes: Touching kandinsky   12/2024 – 04/2025
Dawn of a Century: An Exhibition of Avant-Garde Art from the Russian State Museum   Chengdu Art Museum
Jiaying Fu, **Hongxin Fu**, Tiange Zhou*

Geometric Gestures: Interactive Patterns   08/2024 – 08/2025
Technology Lights up Traditional Culture: Beijing Normal University School of Future Design PBL Project Exhibition   Zhuhai
Hongxin Fu, Tianyue Gong, Hejia Chen

Fluid Soundscapes: Touching kandinsky   06/2024
Innovative Horizons: A Showcase of Design Excellence   China Cultural Centre
Jiaying Fu, **Hongxin Fu**, Tiange Zhou*   in Singapore

Fluid Soundscapes: Touching kandinsky   04/2024
HarvardXR conference 2024 showcase   online
Jiaying Fu, **Hongxin Fu**, Tiange Zhou*

Teaching Assistantships

Satellite Positioning and Navigation   09/2025 – 01/2026
Beijing Normal University

Linux: From Beginner to Advanced   09/2024 – 12/2024
Beijing Normal University

Generative Art and Computational Creativity   02/2024 – 07/2024
Beijing Normal University

Basic Principles of Marxism   09/2023 – 12/2023
Beijing Normal University
2023 Outstanding Teaching Assistant Award