

Shuo Feng - CV

PHD student, Cornell Tech
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2 West Loop Road 10044, New York, NY - United States of America

Education

- Ph.D. Information Science** 2023-now
Cornell Tech, NYC, USA
Advisor: Prof. Thijs Roumen.
- Master of Science - MS Matter Design Computation** 2021-2023
Cornell University, NYC, USA
Advisor: Prof. Jenny Sabin and Prof. Saleh Kalantari.
- Master of Architecture - MArch** 2019-2021
SCI-ARC, LA, USA
Advisor: Casey Rehm

Research Experience

- Sabin Lab**, Research Associate 2022-2023
Cornell University, NYC, USA
Advisor: Prof. Jenny Sabin
- Design and Augmented Intelligence Lab (DAIL)**, Research Associate 2022-2023
Cornell University, NYC, USA
Advisor: Prof. Saleh Kalantari.
- Robotic Construction Lab**, Research Associate 2021-2022
Cornell University, NYC, USA
Advisor: Prof. Sasa Zivkovic

Publication

Shuo Feng, Yifan Shan, Xuening Wang, Ritik Batra, Thijs Roumen. CAMEleon: Interactively Exploring Craft Workflows in CAD, **CHI2025 (in submission, CHI is a top-tier conference in HCI with 20-25% acceptance rate)** <https://matteroftechlab.org/projects/2024-shuo-cameleon/cameleon.html>

Shuo Feng, Saleh Kalantari, Jenny Sabin. Emotive Room: A BCI Interactive Architectural Interface, **ACADIA2023** https://papers.cumincad.org/cgi-bin/works/paper/acadia23_v2_494

Shuo Feng, Bo Liu, Yifan Shan, Ofer Berman, Harald Haraldsson, Thijs Roumen. Y-AR: A Mixed Reality CAD Tool for 3D Wire Bending, **arxiv**, <https://arxiv.org/abs/2410.23540>

Qi Yang, **Shuo Feng**, Tianlin Zhao, Saleh Kalantari. Design with myself: A brain–computer interface design tool that predicts live emotion to enhance metacognitive monitoring of designers, **International Journal of Human-Computer Studies**2024

Qi Yang, **Shuo Feng**, Tianlin Zhao, Saleh Kalantari. Co-Design with Myself: A Brain-Computer Interface Design Tool that Predicts Live Emotion to Enhance Metacognitive Monitoring of Designers, **CHI2023 DEMO**

Exhibited Work

SCI-ARC Grad Thesis Exhibition. Southern California Institute of Architecture. (2021)

Views of Planet City, Planet City Simulator. Lead by Damjan Jovanovic. Southern California Institute of Architecture. (2021)

Honors and Awards

XR Collaboratory Prototyping Grant (\$25,000) (2024)

Matter Design Computation Scholarship, Cornell University (\$40,000) (2021 - 2023)

The Winner of Architectural Design Category: Commercial Building Award, Gaudi Architecture Prize. (2020).

Honorable mention, Jurassic Camp House competition. (2020)

Temporary and Movable Building Columns Silver Award Second place, 16th Asian Design Academic Year Award. (2018)

Teaching

Teaching Assistant (during PhD)

INFO 6410 HCI and Design (fall 2024)

INFO 5915 Remaking the City (spring 2024)

Invited Talks

Cornell Tech, XR Collaboratory (2024)

Carnegie Mellon University, 62-706 Generative Systems for Design (2024)