

Lichao Shen

red-pencil.github.io/homepage
lichao.shen@hotmail.com

INTEREST

Human-Computer Interaction

Virtual Reality • Mixed Reality
Computer Graphics
Ubiquitous Computing
Machine Learning

Human Augmentation

Cognitive Science
Neuroscience
Robotics

Interaction Design

User Experience • User Interface
Media Design
Industrial Design

SKILLS

Programming

C • C#(Unity) • JavaScript • Python
Ruby • Arduino • HTML
Git • UNIX • TeX

Engineering

Technical Drawing
Mechanical Machining
(SolidWorks • Pro/Engineer • AutoCAD)

Design

Pencil & Marker Sketch
Gouache Painting • Prototyping
(Photoshop • Illustrator • Premiere
3Ds Max • Rhinoceros • Grasshopper
KeyShot • V-Ray • Unity)

LANGUAGES

Chinese (Native)

English (Academic)

Japanese (Elementary)

LINKS

Homepage

www.shenlichao.com

Detailed Résumé

red-pencil.github.io/cv

Design Portfolio

issuu.com/lichaoshen

Project Video

youtube.com

EDUCATION

KEIO UNIVERSITY | TOKYO, JAPAN

2015 - 2018

MASTER OF MEDIA DESIGN

Human-Computer Interaction, Media Design

PRATT INSTITUTE | NEW YORK, US

2017

ROYAL COLLEGE OF ART & IMPERIAL COLLEGE | LONDON, UK

2016

BEIHANG UNIVERSITY | BEIJING, CHINA

2010 - 2014

BACHELOR OF ENGINEERING

Industrial Design, Mechanical Engineering

EXPERIENCE

CYBER LIVING LAB | TOKYO, JAPAN

2015 - 2018

STUDENT RESEARCHER

- Conducted research on haptic sensation, virtual reality, human augmentation, telepresence, etc. under the Embodied Media Project,
- Developed experiments, prototypes and applications for the projects.

LENOVO RESEARCH | BEIJING, CHINA

2013 - 2014

USER EXPERIENCE DESIGN INTERN

- Researched into user's behavior towards a variety of consumer electronics.
- Developed the preliminary design of the next generation smart devices.

RESEARCH

LIMITLESS OCULUS | MASTER THESIS

Visual Expansion by Animal-Inspired Visuomotor Modification

UNCONSTRAINED NECK | CONFERENCE BEST DEMO AWARD

Omnidirectional Observation from an Extra Robotic Neck

AMBIENT | CONFERENCE DEMO

Facial Thermal Feedback in Remotely Operated Applications

EYE-IN-HAND

"Snail Sight", Vision Oriented by Hands, Observe Dual Scenes Simultaneously

BUG VIEW

"Being a Spider", Teleexistence from Human to a Spider Robot

PUBLICATIONS

- [1] M. Y. Saraiji, R. L. Peiris, L. Shen, K. Minamizawa, and S. Tachi. Ambient: Facial thermal feedback in remotely operated applications. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems*, CHI EA '18, pages D321:1–D321:4, New York, NY, USA, 2018. ACM.
- [2] L. Shen, M. Y. Saraiji, K. Kunze, and K. Minamizawa. Unconstrained neck: Omnidirectional observation from an extra robotic neck. In *Proceedings of the 9th Augmented Human International Conference*, AH '18, pages 38:1–38:2, New York, NY, USA, 2018. ACM.