Lichao Shen

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INTEREST

Computer Science
Human-Computer Interaction
Virtual Reality • Mixed Reality
Ubiquitous Computing

Bioengineering
Human Augmentation
Robotics • Ergonomics • Bionics
Cognitive Science • Neuroscience

Design
Interaction Design • Media Design
User Experience • User Interface
Industrial Design

SKILLS

Programming
C • C# • JavaScript • Python
HTML • CSS • TEX• Git
Arduino • Processing • Unity

Engineering
Technical Drawing
Mechanical Machining
(SolidWorks • Pro/E • AutoCAD)

Design
Sketch • Prototyping
(Photoshop • Illustrator • Premiere
3Ds Max • Rhinoceros • Grasshopper
KeyShot • V-Ray • Sketch)

Languages
Chinese - Native • English - Proficent
Japanese - Elementary

HONORS

Best Demo Award
Augmented Human
9th International Conference (AH '18)

Design Excellent Prize
"Gifts of Fuyang" Design Competition

Scholarship of Academic Performance
Beihang University

EDUCATION

MASTER
Keio University TOKYO, JP | 2015 - 2018
Human-Computer Interaction, Media Design
GPA 3.84/4.33

(EXCHANGE) **Pratt Institute** BROOKLYN, US

(EXCHANGE) **Royal College of Art & Imperial College** LONDON, UK

BACHELOR
Beihang University BEIJING, CN | 2010 - 2014
Industrial Design, Mechanical Engineering
GPA 3.6/4.0, Outstanding Graduate

RESEARCH

EMPATHIC COMPUTING LAB
Researcher UNIV. OF AUCKLAND, NZ | 2019.3 - 2019.6

Developed remote cooperation and access applications on mobile platform with Unity and C#.

Designed and advised the prototypes and products for commercialization of XR technology.

EMBODIED MEDIA PROJECT
Researcher KEIO UNIV., TOKYO, JP | 2018.2 - 2018.8

Conducted research on haptic sensation, virtual reality, human augmentation, telepresence and robotics.

Developed experiments, prototypes and applications, in JS, C# and Python.

EXPERIENCE

CHINA MOBILE
Product Manager CHINA MOBILE INTELLIGENT MOBILITY, BEIJING, CN | 2019.6 - PRESENT

Researched on internet of vehicle and connected car.

Designed, developed and managed the product line of in-vehicle electronics.

LENOVO
User Experience Designer Intern LENOVO RESEARCH, BEIJING, CN | 2013.9 - 2014.2

Researched into user behavior towards various consumer electronics, in User Research Center.

Developed the preliminary design of the next generation smart devices.

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.