

Lichao Shen

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INTEREST

Human-Computer Interaction

Human Augmentation, Mixed Reality, Virtual Reality, Robotics, User Interface, Interaction Design

EDUCATION

KEIO UNIVERSITY

2015
–2018

Master.

- Human-Computer Interaction, Media Design.
- GPA: 3.84 / 4.33, English Courses.
- Thesis: *Visual Expansion by Animal-Inspired Visuomotor Modification*.
Supervisor: Prof. KOUTA MINAMIZAWA, Co-supervisor: Prof. KAI KUNZE.

IMPERIAL COLLEGE LONDON,
ROYAL COLLEGE OF ART,
PRATT INSTITUTE

2016
–2017

Master Program.

- Global Innovation Design.

BEIHANG UNIVERSITY

2010
–2014

Bachelor.

- Industrial Design, Mechanical Engineering.
- GPA: 3.6 / 4.0, Outstanding Graduate.

RESEARCH EXPERIENCE

UNIVERSITY OF AUCKLAND

2019 **Research Intern.** Empathic Computing Lab.

- Director: Prof. MARK BILLINGHURST.
- Developed applications of remote collaboration and access on mobile platform.
- Designed and advised the prototypes for commercialization of XR technology.

KEIO UNIVERSITY

2018 **Research Intern.** Embodied Media Project.

- Director: Prof. KOUTA MINAMIZAWA.
- Research in the fields of haptic sensation, virtual reality, human enhancement, telexistence, etc.
- Developed experiments, prototypes and applications for research projects.

WORK EXPERIENCE

CHINA MOBILE, SHANGHAI RESEARCH

2019
– now

Product Manager.

- Researched on solutions in information and communication technology and transportation industry including internet of vehicle, autonomous driving, vehicle to everything (V2X), etc.
- Managed the product line, and engaged in the process of business analysis, design refinement, factory manufacture, and software development.
- Designed, developed and patented new on-board electronics products, to business and to customer.

LENOVO RESEARCH

2013
– 2014

User Experience Design Intern.

- Conducted user research towards various types of consumer electronics, including laptop, tablet, phone, etc., in User Research Center.
- Developed the preliminary design of the next generation smart devices.

HONORS

- 2020 **Patent**, A System of Vehicle to Everything #**PENDING**
- 2018 **Best Demo Award**, 2018 Augmented Human 9th International Conference (AH'18)
- 2013 **Design Excellent Prize**, *Gifts of Fuyang* Design Competition
- 2013 **Scholarship of Academic Performance**, continuous 3 years, Beihang University
- 2014 **Exhibition**, Auto China 2014, 13th Beijing International Automobile Exhibition
- 2013 **Exhibition**, *City, Museum, Tokyo* Design Show
- 2013 **Finalist**, Red Dot Design Award

PUBLICATIONS

- 2020 **Lichao Shen**, MHD Yamen Saraiji, Roshan Lalintha Peiris, Kai Kunze, and Kouta Minamizawa. 2020. Visuo-motor Influence on Attached Robotic Neck. In *ACM Symposium on Spatial User Interaction 2020* (SUI '20). # **PENDING**
- 2018 **Lichao Shen**, MHD Yamen Saraiji, Kai Kunze, and Kouta Minamizawa. 2018. Unconstrained Neck: Omnidirectional Observation from an Extra Robotic Neck. In *Proceedings of the 9th Augmented Human International Conference* (AH '18). ACM, New York, NY, USA, Article 38, 2 pages. DOI: <https://doi.org/10.1145/3174910.3174955> # **BEST DEMO AWARD**
- 2018 MHD Yamen Saraiji, Roshan Lalintha Peiris, **Lichao Shen**, Kouta Minamizawa, and Susumu Tachi. 2018. 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). ACM, New York, NY, USA, Paper D321, 4 pages. DOI: <https://doi.org/10.1145/3170427.3186483>

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