Lichao Shen

shenlichao.com
lichao.shen@hotmail.com

RESEARCH INTEREST

Human-Computer Interaction

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

EDUCATION

2015−2018 **Keio University**, Tokyo, Japan
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.

2017 **Pratt Institute**, Brooklyn, US
Exchange study, Global Innovation Design.

2016 **Imperial College London** &
Royal College of Art, London, UK
Exchange study, Global Innovation Design.

2010−2014 **Beihang University**, Beijing, China
Bachelor.

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

RESEARCH EXPERIENCE

2019 **University of Auckland**, Auckland, New Zealand
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.

2018 **Keio University**, Tokyo, Japan
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 researchprojects.

WORK EXPERIENCE

CHINA MOBILE, SHANGHAI RESEARCH

2019 −now **Product Manager**.

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

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 Exhibition

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