CHENHAO LI

I am a PhD student at Osaka University. My research interests lie at the intersection between machine learning and computer graphics. Especially for inverse rendering, neural rendering using various types of sensors.

CONTACT

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SKILLS

Machine Learning

Computer Graphics

Python

C++

Linux

Git

Docker

Latex

LANGUAGES

Mandarin

English

Japanese

EDUCATION

Ph. D. - Computer Science   **2021 - ongoing**
Osaka University - Suita, Osaka (Japan)

Master - Computer Science   **2019 - 2021**
Kyushu University - Nishi-ku, Fukuoka (Japan)

Research Student - Computer Science   **2018 - 2019**
Hiroshima University - Higashi-Hiroshima, Hiroshima (Japan)

Bachelor - Computer Science   **2013 - 2017**
Nanjing Xiaozhuang University - Nanjing, Jiangsu (China)

PUBLICATIONS

NeISF: Neural Incident Stokes Field for Geometry and Material Estimation   **June. 2024**
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2024

Chenhao Li, Taishi Ono, Takeshi Uemori, Hajime Mihara, Alexander Gatto, Hajime Nagahara, Yusuke Moriuchi

Inverse Rendering of Translucent Objects using Physical and Neural Renderers   **June 2023**
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2023, pp. 12510-12520

Chenhao Li, Trung Thanh Ngo, Hajime Nagahara

Cross-language font style transfer   **Feb. 2023**
Applied Intelligence, 2023, pp. 1–15

Chenhao Li, Yuta Taniguchi, Min Lu, Shin'ichi Konomi, Hajime Nagahara

Few-Shot Font Style Transfer Between Different Languages   **Jan. 2021**
Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2021, pp. 433-442

Chenhao Li, Yuta Taniguchi, Min Lu, Shin'ichi Konomi

WORK EXPERIENCES

Research Intern
SONY - Shinagawa-ku, Tokyo (Japan)

Conducting research on the application of polarization sensors for multi-view inverse rendering.

HONORS & SCHOLARSHIPS

Recipient of Osaka University Fellowship
2021-ongoing
https://www.ist.osaka-u.ac.jp/japanese/campus-life/fellowship.html