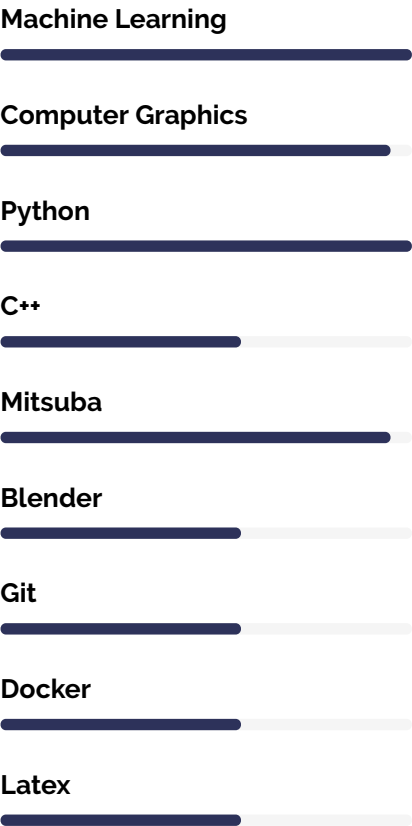


## CONTACT

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## SKILLS



## LANGUAGES



# 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.

## 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 Polarized Inverse Rendering of Conductors and Dielectrics	2025
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2025, (to appear)	
Chenhao Li, Taishi Ono, Takeshi Uemori, Hajime Mihara, Sho Nitta, Alexander Gatto, Hajime Nagahara, Yusuke Moriuchi	
Deep Polarization Cues for single-shot Shape and Subsurface Scattering Estimation	2024
European conference on computer vision (ECCV), 2024, p. 55-73	
Chenhao Li, Trung Thanh Ngo, Hajime Nagahara	
NeISF: Neural Incident Stokes Field for Geometry and Material Estimation	2024
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2024, pp. 21434-21445 (Highlight)	
Chenhao Li, Taishi Ono, Takeshi Uemori, Hajime Mihara, Alexander Gatto, Hajime Nagahara, Yusuke Moriuchi	
Inverse Rendering of Translucent Objects using Physical and Neural Renderers	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**  
**Applied Intelligence, 2023, pp. 1–15**

2023

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

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

2021

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

## **WORK EXPERIENCES**

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

2024.7 - ongoing

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

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

2023.6 - 2023.11

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

## **HONORS & SCHOLARSHIPS**

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

2021-2024