

# Wooseok Jeon

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## Education

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| 2019 ~ Present | <b>👤 Gwangju Institute of Science and Technology</b><br>Major in <i>Electric Engineering and Computer Science</i><br>Minor in <i>AI Convergence</i> |
| Fall 2022      | <b>👤 Korea University</b> (Exchange Program)  |
| Summer 2023    | <b>👤 UC Berkeley</b> (Summer Session Student)   |

## Research Interests

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My research interests lie on ***Inverse Rendering*** and ***Novel View Synthesis***, with a current focus on ***Image Relighting***. My goal is to address illumination problems that have yet to be solved in computer vision and graphics.

## Skills

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| Coursework         | <b>👤 Mathematics</b> (15 credits)<br>Linear Algebra, Discrete Mathematics, Probabilities & Statistics, ...<br><b>👤 Computer Science</b> (37 credits)<br>Data Structures, Algorithms, Signals & Systems, ...<br><b>👤 AI Convergence</b> (16 credits)<br>Machine Learning, Deep Learning, Computer Vision, ... |
| Coding & Framework | <b>👤 Advanced</b><br>Python, PyTorch, LaTeX, ....<br><b>👤 Intermediate</b><br>MATLAB, C/C++, TensorFlow, ...   |
| Languages          | <b>👤 English</b><br>TOEIC 900<br>New TEPS 436  |

## Experiences

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8/2022 ~ 12/2022	<b>👤 CJ UNIT 7th</b> SW Educator for middle school students
9/2023 ~ Present	<b>👤 GIST Visual AI Lab</b> Undergraduate Research Student Topic: Shading Estimation from Multi Illuminant Indoor Scenes #1 Multi-Image Denoising with Semi-Global Matching #2 Structure From Motion from Multi-views #3 Segmentation using CSPN & DySPN #4 Shape From Shading
9/2023 ~ Present	<b>👤 GIST GDSC(Google Developer Student Club) 3rd</b> Core Team Member

## Teachings

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Fall 2023	<b>👤 Signals &amp; Systems TA</b>
Spring 2024	<b>👤 Computer System &amp; Theory Laboratory TA</b>

## Awards

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5/2023	<b>👤 GIST X GDSC Hackathon</b> Silver Prize awarded by AWS
3/2024	<b>👤 AI4GOOD Hackathon</b> Third Prize awarded by Social Impact
4/2024	<b>👤 Google Solution Challenge</b> Topped in 100 (over 4700 teams joined)