



Interreg

NEXT Hungary – Slovakia – Romania – Ukraine



Co-funded by
the European Union

Root4Dig

**PARTNERSHIP
WITHOUT
BORDERS**



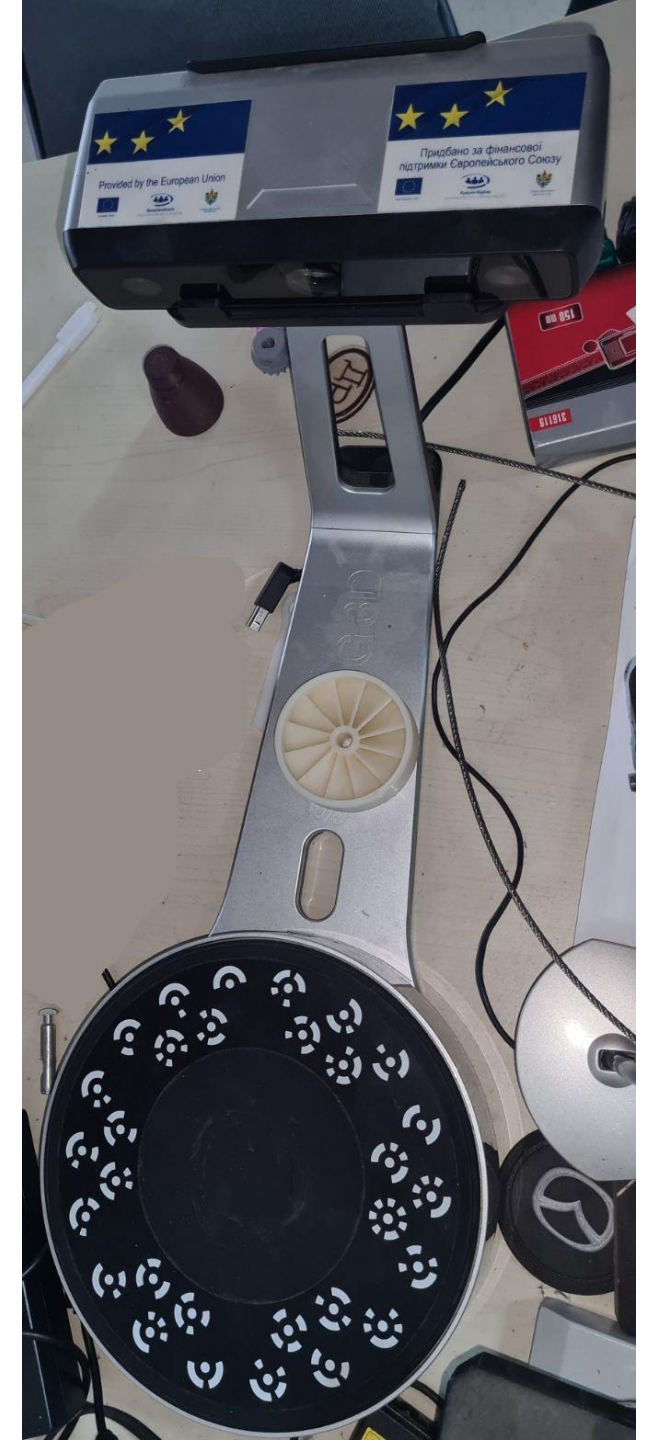
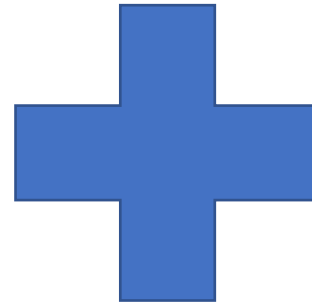
«Rediscovering our Common Cultural Roots and Digitalizing them for Future Generations» (HUSKROUA/23/S/2.2/007)

DIGITIZATION OF CULTURAL HERITAGE: CHALLENGES AND PROSPECTS IN WARTIME CONDITIONS

Speaker: Vladyslav Kusyi

Academic Supervisor: Volodymyr Kopei

3D Scanner Einscan-SP, Shining 3D Tech Co., Ltd.



Файл
Правка
Рендеринг
Окно
Справка
Планировка
Моделирование
Скульптинг
Редактирование
Scene
ViewLayer

Объекты
Вид
Выделить
Добавить
Объект
Глобальное

Справа ортогональ (Локальный)
(1) Collection | Камера
10 метров

Опции

лекция сцены

Collection

- Camera
- Light
- Камера
- ПІДСТАВКА

Поиск

Камера

Камера

Трансформировать

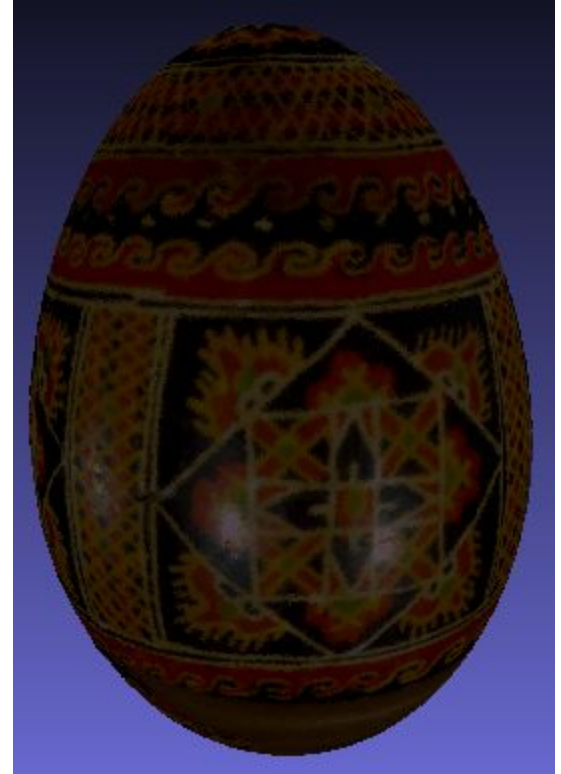
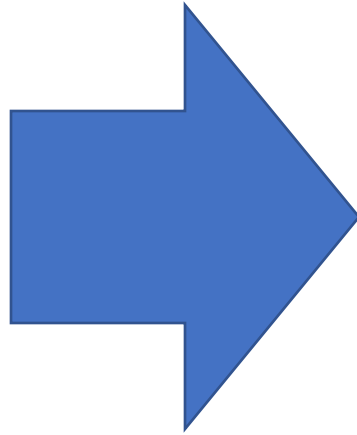
Пол...	-	•
Y	-	•
Z	-	•
Вра...	-	•
Y	4	•
Z	-	•
Реж...	X	•
Мас...	1.	•
Y	1.	•
Z	1.	•

Воспроизведение
Кейинг
Вид
Маркер
1
Начало
1
Конец
250

Выделить (список)
Центрировать вид на курсоре

4.5.3

3D Scanner Einscan-SP,
Shining 3D Tech Co., Ltd.



3D scanning using a regular smartphone



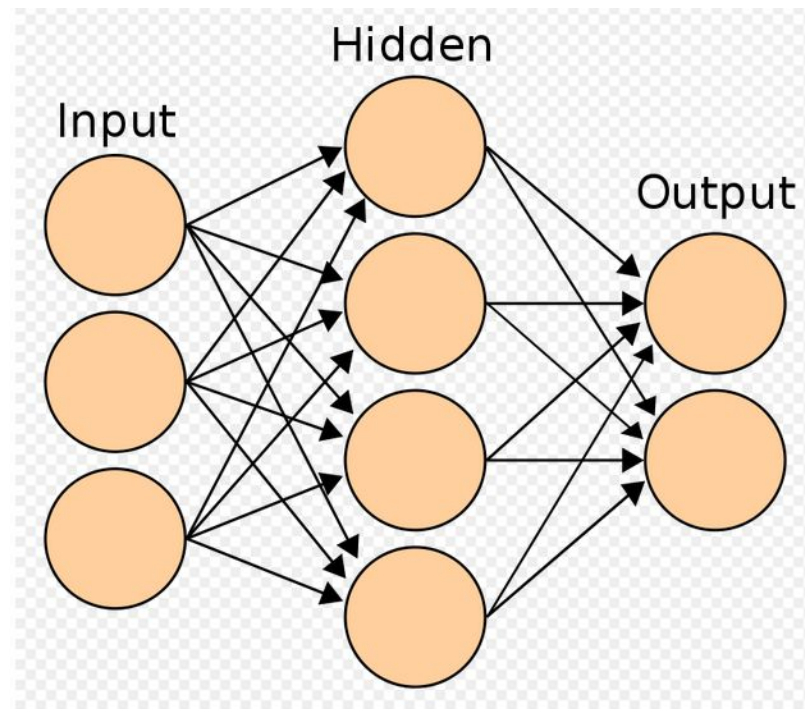
NIANTIC

SCANIVERSE

<https://scaniverse.com/>



Using neural network models



Damaged church in Lisne near Kharkiv, May 6, 2022. Alex Chan/SOPA Images/LightRocket via Getty Images



<https://suspilne.media/culture/531537-ukrainski-cerkvi-so-pos-trazdali-vid-rosijskih-atak-foto/>



The building in the photo is damaged. Create a photo that shows the building without damage, new. There should be restored icon in the center.

Qwen3 Max Image Edit <https://chat.qwen.ai>



Prompt: Color this photo as if it were taken yesterday.



GPT +++



Gemini ++

Prompt:restore the colors as if this photo was taken yesterday



Chat gpt ++



Gemini +++



Copilot +





Dzieci huculskie Гуцульські діти



Dzieci huculskie Гуцульські діти



Dzieci huculskie Гуцульські діти

Prompt: restore the colors as if
this photo was taken yesterday

Chat GPT ++

Gemini +++

Copilot +

Prompt: create a photo of a Hutsul couple against a backdrop of mountains



Chat GPT +



Gemini +++



Copilot +++



Prompt: restore this photo and make it colorful like it was taken yesterday



Chat GPT ++



Gemini +



Copilot +