STEFANO ESPOSITO

PhD student working on 3D Computer Vision

📅 25/10/1997   📍 Currently based in Tübingen, Germany   @ stefano.esposito97@outlook.com
🔗 s-esposito.github.io   🐦 @s_esposito_97   in/stefanoesposito97   github.com/s-esposito

EDUCATION

ELLIS PhD student / AVG
University of Tübingen

📅 May 2023 – Ongoing   📍 Tübingen, Germany

Currently investigating real-time novel view synthesis and 3D reconstruction methods. Jointly supervised by Prof. Andreas Geiger (Autonomous Vision Group) and Meta.

Master's degree / AI and Robotics
University "La Sapienza"

📅 Sept 2019 – Mar 2022   📍 Rome, Italy

Thesis title: *Real-Time Path-Tracing of Implicit Neural Representations*. Final mark: 110/110.

Bachelor's degree / Computer Science
University "La Sapienza"

📅 Sept 2016 – Oct 2019   📍 Rome, Italy

Final mark: 110/110 cum laude.

High School diploma / Computer Science
I.I.S. Luigi di Savoia

📅 Sept 2011 – July 2016   📍 Chieti, Italy

Final mark: 100/100.

EXPERIENCE

IVC, Hochschule Bonn-Rhein-Sieg

📍 Bonn, Germany

📅 May 2022 – May 2023

Research Associate full-time position.

📅 Oct 2020 – Feb 2022

Research experience as visiting student in the *Neural Rendering* group.

Villa Nazareth Servizi s.r.l

📅 2017 – 2020   📍 Rome, Italy

Computer Science Tutor (DUA).

PUBLICATIONS

1. **S. Esposito**, D. Baieri, S. Zellmann, A. Hinkenjann, E. Rodolà. *KiloNeuS: Implicit Neural Representations with Real-Time Global Illumination*. Preprint on ArXiv. Jun 2022.

SUMMARY

I am a PhD student at the University of Tübingen, with a strong passion for deep learning, computer graphics, and their intersection. I am part of the Autonomous Vision Group headed by Prof. Andreas Geiger, where I investigate topics such as novel view synthesis, 3D reconstruction, pose estimation, and animations. I consider myself an educated programmer and a true technology enthusiast; in my spare time, I like to learn new things, keep up-to-date with what is happening in the world, and connect with nature by pushing myself on tough but beautiful hikes through high mountains.

ACHIEVEMENTS

University College of Merit admission

📅 Sept 2016   📍 Rome, Italy

Admission to the Villa Nazareth University College of Merit of the Domenico Tardini Foundation.

SUMMER SCHOOLS

ELLIS Doctoral Symposium

📅 Aug 2023   📍 Helsinki, Finland

Attendee. Theme: "Sensibility in AI".

CMMRS Pre-doctoral School

📅 Aug 2022   📍 Saarbrücken, Germany

Attendee. Theme: "Emerging Research Trends in Computer Science".

SKILLS

Python   PyTorch   OpenCV   C++   CUDA   OpenGL   LaTeX

Deep Learning   Computer Graphics   Computer Vision   Robotics   Math   Algorithms

LANGUAGES

Italian: native   ●●●●●

English: fluent, C1   ●●●●●

German: basic, A2   ●○○○○