

Luca Garau

I am a second year student of the master's degree course in Computer Science in the Graphics and Vision path, in which I am specializing in artificial intelligence, Graphics and Vision

EDUCATION

Master's degree in Computer Science | University of Cagliari | 2023-present

Master's degree course in Computer Science with Graphics and Vision course

Bachelor degree in Computer Science | University of Cagliari | 2021-2023

Graduated with 110L with thesis entitled : An AI Approach to EEG-based Emotion Recognition using a Consumer Device, based on the recognition of emotions via EEG signals using a Machine Learning approach.

EG PhD School | Eurographics | 2024

PhD School Modern Computer Graphics : AI Techniques for 3D Reconstruction, Rendering, and Analysis

Samsung Innovation Campus | Samsung Electronics Italia SPA | 2021

Achieved the Samsung Innovation Campus course with a grade of 30L, focused on the field of the Internet of Things, organized by Samsung Electronics Italia in collaboration with the University of Cagliari

EXPERIENCE

Tutor of Data Base | University of Cagliari | 2024-present

Assistance with laboratory lessons aimed at teaching the SQL language

Research Fellow | University of Cagliari | 2024-2025

Research grant with the DIEE of the University of Cagliari on the analysis of mesh coding configurations for adaptive streaming of immersive contents in virtual reality environments.

Tutor of CSMN | University of Cagliari | 2023-2024

Lecture support and laboratory assistance for the course of Scientific Calculus and Numerical Methods. The course covers fundamental concepts of numerical analysis, numerical linear algebra, function approximation, nonlinear equation resolution and includes practical exercises in Matlab to implement studied algorithms.

SKILLS

Operating systems : Windows, Unix and Linux, MacOS.

Programming languages : Python, C, C++, C#, JAVA, Matlab, SQL.

Languages : Italian, English.