



tommaso ferraiolo

3D architect

tommaso.ferraiolo@icloud.com
+39 391 709 9863
Rome, Italy



experience

architecture / visualisation / spatial data

03/2024 - present

ADW - Andrea Dallari Workshop [visit](#)
Italy

3D Architect

- 3D modelling with Rhinoceros
- Rendering with Twinmotion and D5
- Urban planning with QGIS
- Parametric facade design
- Participation in international architecture competitions

10/2023 - 12/2023

Studio Delli Santi [visit](#)
Rome, Italy

QGIS Operator

- Research on vector datasets covering the Italian territory
- Import and organisation of layers within QGIS
- Upload of the datasets to a server

03/2021 - 06/2021

Ponza Diving Center [visit](#)
Ponza, Italy

Dive Guide Assistant

- Equipment handling and maintenance
- On-board and underwater assistance as rear guide
- Preparation of diving groups and boat operations

experience / continued

05/2019 - 10/2020

I.W.S.

Rome, Italy

Event Security Staff

Numerous occasional assignments providing security services at events, venues and restaurants.

06/2018 - 09/2018

Ponza Diving Center [visit](#)

Ponza, Italy

Diving Assistant

- Equipment handling, assembly and maintenance
- On-board and underwater assistance as rear guide
- Preparation of meals and diving groups
- Morning and evening boat cleaning

education

10/2021 - present

Sapienza University of Rome

Master's Degree in Architecture

09/2025 - 06/2026

Erasmus [visit](#)

Erasmus Plus Scholarship

Seville, Spain

09/2022 - 06/2023

Erasmus [visit](#)

Erasmus Plus Scholarship

Seville, Spain

09/2015 - 06/2019

Scuola Maria Ausiliatrice

Upper Secondary School Diploma

Language-focused curriculum: English, French and Spanish.

skills

architecture / 3D / visualisation / technology

Rhinoceros 3D

- Advanced architectural modelling
- Complex geometries and parametric surfaces
- Point clouds for 3D reconstruction
- Grasshopper and rendering integration

QGIS

- Spatial data for urban and territorial planning
- Data analysis and server upload workflows
- Professional and academic use

RealityCapture

- Photogrammetry and point-cloud management
- Historic surveys and data optimisation
- Architectural restoration workflows

Adobe Photoshop + InDesign

- Photo editing and post-production
- Presentation boards and editorial layouts
- Visual consistency across formats

3D Printing

- Rapid prototyping
- Optimised STL model preparation
- Integration into the design process

Twinmotion

- Real-time rendering and immersive visualisation
- Daylight simulations and urban environments
- Materials, vegetation and camera views

Blender

- Basic modelling, shading and rendering
- Integrated workflows with Rhino and Twinmotion

Architectural Survey + Restoration

- Laser scanners and LiDAR
- 3D modelling from raw survey data
- Restoration and adaptive reuse principles

Affinity Suite

- Advanced proficiency across the suite
- Visual assets, diagrams and editorial layouts
- Integrated workflow for consistent outputs

Computer Systems + Technology

- Windows, macOS and Linux
- Hardware assembly and repair
- Troubleshooting and custom configurations
- Rapid independent learning

Diving

- Equipment maintenance and repair
- No-decompression limits and group leading
- Dry suits, special gas mixtures and marine biology



communication

languages / international experience / collaboration

italian

Native speaker, with full professional proficiency in written and spoken communication.

english

Advanced level (C1), developed through a language-focused secondary school, international study programmes and academic experience abroad.

spanish

Fluent, developed through formal study and two Erasmus academic years in Seville, including courses on technical and architectural topics.

french

Intermediate level (B1-B2), studied for five years and supported by DELF certifications and cultural exchanges in Toulon and Paris.

certifications

licence to operate motor-powered pleasure craft within 12 nautical miles

remote pilot certificate / open category A1-A3

personal details

date of birth	07/03/2001
gender	male
nationality	italian
residence	rome, italy

I authorise the processing of the personal data contained in this CV pursuant to Article 13 of Italian Legislative Decree No. 196 of 30 June 2003 - Personal Data Protection Code - and Article 13 of EU Regulation 2016/679 (GDPR).