



GIORGIA DIGLIO

**PHD STUDENT AT THE
UNIVERSITY OF SANNIO**

PROFESSIONAL TITLE:

Civil Engineer

State exam for the qualification to the profession of Engineer;

Date achieved: January 17, 2025

GENERAL INFORMATION:

Date of birth: 30 October 2000

Place of Birth: Benevento

Nationality: Italian

CONTACTS:

 **Address:** Via Granatieri di Sardegna, 11; San Giorgio del Sannio (BN)

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 **Telephone:** +39 3925307692

LANGUAGE LEVELS:

Italian: native language;

English: Listening: B2; **Reading:** B2;

Writing: B2; **Speaking:** B2

PhD

PhD Course in "Information Technologies for Engineering", XL Cycle
University of Sannio (BN) [November 2024 - ongoing]

Theme: "Development of innovative models for the design and management of pressurized water systems"

Curriculum: Energy and environment

Master's Degree

LM-23-Class of Master's Degrees in Civil Engineering

University of Sannio (BN) [September 2022 - September 17, 2024]

Thesis: In Assisted Design of Hydraulic Works, entitled: "Numerical Modeling for Optimal Adaptation and Sizing of a Pressure Irrigation Network through Performance Analysis";

Speakers: Prof. Eng. Gustavo Marini; Prof. Eng. Nicola Fontana;

Graduation grade: 110 / 110 cum laude;

Manifesto of studies: https://www.ding.unisannio.it/users/masiello/22-23/manifesto_LM_civ_22-23.pdf

Bachelor's Degree

L-7-Class of Degrees in Civil and Environmental Engineering

University of Sannio (BN) [September 2019 - September 29, 2022]

Thesis: In Hydraulics, entitled: "Energy recovery using turbine-operated pumps: a case study in the water system of the city of Potenza";

Speakers: Prof. Eng. Gustavo Marini; Prof. Eng. Nicola Fontana;

Graduation grade: 110 / 110 cum laude;

Manifesto of studies: https://www.ding.unisannio.it/users/Dipartimento/manifesti/manifesto_CIV_c1_2019_2020.pdf;

Diploma Scientific High School

Scientific High School "Gaetano Rummo" (BN) [September 2014 - July 2019]

Final Vote: 100/100;

WORK EXPERIENCES / INTERNSHIP

Ten Project S.r.l.

Training internship

Infrastructure, construction and building materials

Industrial Zone – 82010 - San Martino Sannita (BN) Location Chianarile snc
[December 2023 - February 2024]

Main activities carried out and skills acquired: Study relating to the design of photovoltaic and wind power plants with specific interest directed towards the civil works necessary for the construction of such systems. Participation in project groups with division of responsibilities on the basis of their own expertise and participation in all phases of construction of the work.

Use of software such as Pimus - ACCA Software, Civil 3 D; Helios 3 D.

Civil Engineering Studio Eng. Giovanni Lucariello

Training internship

Infrastructure, construction and building materials

San Martino Sannita (BN) [April 2022 - June 2022]

Main activities carried out and skills acquired: Study of real design cases, analyzed and discussed in all their phases; creation of the graphic works relating to the cases covered; initial approach to metric estimation programs (**Primus - ACCA Software**); in-depth study of the use of standard technical drawing software (**AutoCAD**).

STUDIES AND EXPERIENCES ABROAD

Dublin 2018

Study Trip - INPS

Ireland [June 2018 - June 2018]

Main activities carried out and skills acquired: English language courses with native-speaking professors and interactive dialogue activities with students from all over the world. At the end of the two-week experience, a B1+ English language certificate was issued.

London 2017

Study Trip - INPS

United Kingdom [July 2017 - July 2017]

Main activities carried out and skills acquired: English language courses with native-speaking professors at "King's College" London. At the end of the two-week experience, a B1+ English language certificate was issued.

COMPUTER COMPOTENCES

Application software

Hydraulic Modeling: Epanet (Advanced), HEC-RAS (Intermediate), SWMM (Intermediate) | **Structural Computing:** SAP200 (Intermediate), 3MURI (Base), Ftool (Intermediate) | **Numerical Analysis:** 2D FLAC (Intermediate) | **Geographic Information System (GIS):** QGIS (Advanced) | **CAD Software Usage:** AutoCAD (Advanced), Civil3D (Base) | **Project Management:** Primus - Acca Software (intermediate) | **Office Suite:** Word, Excel, PowerPoint (Advanced).

I authorize the processing of my personal data on my CV pursuant to Article 13 of Legislative Decree No. 196 of June 30, 2003 "Code on the Protection of Personal Data" and Article 196. 13 GDPR 679/16 - "European Regulation on the Protection of Personal Data".

Giorgia Diglio