

GIACOMO MAZZONI

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GEOTECHNICAL ENGINEER (MEng Civil Geotechnical)

Focused and highly motivated Civil Engineer specializing in Geotechnical Engineering. Multidisciplinary background, including engineering design and construction supervision, CAE and BIM. Experienced in small-scale R&D and business projects management, including partnerships with private and academic players. Core competencies include: Geotechnical design (according to Eurocodes and AS/NZS Standards). Geotechnical and geophysical testing. Numerical modeling (FEA). Programming in Python for data science.

Professional Experience

ENVIA - Bologna (Italy) 2016 - Present

A young and dynamic consultancy company specializing in geotechnical engineering and applied geology, geotechnical and geophysical testing.

Chief of Engineering Dept.

Responsible for programming and supervising geotechnical engineering activities, geotechnical design (including FEA). Co-responsible of R&D process involving advanced numerical modeling and BIM. In charge of CRM and business development for geotechnical engineering dept.

AUSGEOTECH - Perth (Australia) 2012 - 2014

A small company providing geotechnical and geophysical testing primarily for the WA mining sector

Operations Manager

Responsible for fieldwork supervision and coordination (included machinery ops.). In charge of CRM and marketing activities.

RAVENNA ENGINEERING - Comacchio (Italy) 2010-2015

Consultancy company specializing in geotechnical and seismic engineering. The company was born as a support to a piling company (INDGEO DUE S.r.l.), then it developed its own client base and market.

Geotechnical Engineer

In charge of geotechnical design of pile foundations, ground anchors and retaining structures (including D-Walls and pile walls). In charge of micropile and ground anchor testing.

Education

Masters of Civil Engineering (Geotechnical Engineering)
UNIVERSITY OF PADUA (ITALY) 2009

TECHNICAL SKILLS

Geotechnical engineering design principles and procedures. CAE based on dedicated software (Plaxis, MIDAS NX, Paratie Plus, Itasca PFC) and general purpose software (Code Aster, Salome Meca). CAD and BIM. Python for data science.

COMMUNICATION SKILLS

Good communication, reporting and public speaking skills. IETLS certified English language proficiency. Basic French language proficiency.