

# Alberto Cofone

## Curriculum Vitae

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### Work Experience

- Dates September 2011 - October 2013
- Name and address of present employer Costruzioni Cofone Srl - Italy
- Company Business Construction Company
- Job Title **Technical Assistant, Junior Engineer**
- Principal Job Responsibility Editing geotechnical and structural calculations in building operations; Responsible for building site of new construction operations, interventions of building Re-structuring and adequate seismic cover to existing manufactures.
- Dates June 2011 to August 2011
- Name and address of employer Keller Fondations Spéciales – France
- Occupation or position held **Internship in University Laboratories**
- Main activities and responsibility Extensive campaign of dynamic tests in a large physical model reproducing the field conditions and including a highly instrumented pile, total pressure sensors, accelerometers, loads cells and displacement sensors. Interpretation of results to evaluate the complex soil-structure interaction in the case of soil reinforcement.

### Education and Training

- Dates November 2013 – **Present**
- Name and type of institute of education “Sapienza” Rome University, Roma (RM) - Italy
- Principal subjects Geotechnical Characterizations and modelling, foundation design and methods of construction, tunnel and under ground design and construction, slope stabilization and protection measures.
- Title of qualification awarded **Master in Geotechnical Design - (ECTS 60)**  
“Second Level specializing Master”
- Dates September 2008 – September 2011
- Name and type of institute of education University of Calabria – College of Engineering
- Principal subjects Mechanical behaviour of soil and rock, seismic and dynamic behaviour of geotechnical structures, hydrogeological assessment of risk issue and mitigation.
- Title of qualification awarded **Master’s Degree in Geotechnical Engineering - (ECTS 120)**
- Level in National classification Top grade – 110/110
- Graduation Thesis *Physical Modelling of dynamic soil structure interaction in the case of stiff inclusions for the reinforcement of the soil*
- Advisors Prof. Emeritus P. Foray, Prof. F. Emeriault, Prof. E. Conte

- Dates September 2010 - June 2011
- Name and type of institute of education Université Joseph Fourier and Laboratoire 3SR - France
  - Principal subjects Consist half courses in geomaterial mechanics and also solid and structural mechanics, geotechnics, soil-structure behavior and environmental risks, and half research work especially concern the seismic performance of soil reinforcement solutions.
- Title of qualification awarded **Master Geomechanics Civil Engineering and Risks – (ECTS 60)**  
“International Master of Science - MEMS“
- Dates September 2004 - September 2008
- Name and type of institute of education University of Calabria – College of Engineering
  - Principal subjects Knowledge of the bases subjects of civil engineering and the main design methodologies of structural, geotechnical, hydraulic and transport works.
- Title of qualification awarded **Bachelor of Science in Civil Engineering – (ECTS 180)**

### SCIENTIFIC PUBLICATION

- Dates February 2011 - April 2012
- Name and type of institute International Symposium on Ground Improvement IS-GI  
***Behaviour of a shallow foundation on soil reinforced by Mixed Module Columns***  
Brussels 31 Maggio & 1 Giugno 2012

### EDUCATION COURSES

- Dates 30 – 31 May 2013
- Name and type of institute of education Polytechnic Institute of Milan - Piazza L. da Vinci, 32 20133 (MI)
- Title of qualification awarded **Geotechnical Modeling and 3D FEM Analysis**
  - Lecturer Prof. Claudio di Prisco, Prof. Riccardo Castellanza
- Dates September 2012 – April 2013
- Name and type of institute of education Association of Engineers - Cosenza Department
  - Principal subjects Hazards and risks, risks valuation, emergency management, individual protection device, legal requirements, safety plan
- Title of qualification awarded **Certificate in Supervising Staff Safely**

### Personal Skills and Competences

MOTHER TONGUE Italian

OTHER LANGUAGES

Self-assessment  
European level(\*)

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken Production			
B2	Speaker autonomous	B2	Speaker autonomous	B2	Speaker autonomous	B2	Speaker autonomous	B2	Speaker autonomous
B1	Speaker autonomous	B1	Speaker autonomous	A2	Speaker base	A2	Speaker base	A1	Speaker base

(\*)Common European Framework of Reference for Languages.

SOCIAL SKILLS AND COMPETENCES	Raised personality, optimum capacities for establishing relationships for leading projects acquired during the experience abroad. Tendency to work in a team.
ORGANISATIONAL SKILLS AND COMPETENCES	Good skills for the organization and direction for civil engineering work, good skills on civil engineering design.
TECHNICAL SKILLS AND COMPETENCES	Skills for producing professional work with: <ul style="list-style-type: none"> <li>• Microsoft Office (Excel, Word, Power Point)</li> <li>• Designs software (AutoCAD)</li> <li>• Structural engineering software (SismiCad)</li> <li>• Geotechnical engineering software (Midas GTS, Plaxis)</li> <li>• Scientific software (Matlab)</li> <li>• Markup language (Latex)</li> </ul>
DRIVING LICENCE	European driver license.
ADDITIONAL INFORMATION	Strong motivation to work in the field of geotechnical engineering Availability to work abroad

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