



## PERSONAL INFORMATION

## Agostino Viglione

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Sex Male | Date of birth 02/02/1990 | Nationality Italian

## WORK EXPERIENCE

October 2014 – March 2015

**Research Engineer****Naples University – Università degli Studi di Napoli ‘Parthenope’, Italy**

- ReLUIS 2014 research project: "3D models development to evaluate soil - tunnel interaction in case of seismic events".
- Scientific Mentor: Prof.Eng. Stefano Aversa

Tunnel and seismic construction

January 2014 – July 2014

**Industrial Trainee****Arup, Geotechnics and Tunnelling London,  
13 Fitzroy Street London, W1T4BQ, UK**

- Assisting in river structure foundation design and checking,
- Calculation of settlement due to the excavation of tunnel and shaft
- Stress path analysis (Plaxis 2D and Examine 3D)
- Worksites visiting

Tunnel and Geotechnical construction

May 2011 - October 2011

**Part - time Librarian****University of Naples ‘Federico II’, Italy, Department of Structural Engineer**

- Archive management, relationship with students and professors
- Administrative sector

Summers 2008 - 2011

**Site Supervisor Assistant****Building S.r.l., Naples**

- Worksite planning,
- manual work supervisor.

Residential construction

## EDUCATION AND TRAINING

November 2014 – Ongoing

**Second Level Master in Geotechnical Design****University of Rome “La Sapienza” Federico II, Department of  
Structural and Geotechnical Engineering****Main courses:**

- Rocks and Soils Characterization through In-situ and Laboratory Tests
- Geotechnical Modelling
- Foundations, Tunnels and Underground Structures Design
- Slope Stability Design

December 2011 – 29<sup>th</sup>  
September 2014

**Master degree in Structural and Geotechnical Engineering – Thesis Title: ‘Ground movements induced by TBM excavation: the case of Crossrail, London’**

EQF level 7

*University of Naples “Federico II”, Department of Structural Engineering*

- Seismic engineering,
- geotechnical engineering,
- structural analysis,
- reinforced and pre-stressed concrete seismic construction,
- steel and masonry seismic construction.

Final rate 110 (out of 110) with honours  
(equivalent GPA 4.00)

September 2013

- European Region Action Scheme for the Mobility of University Students (LLP/Erasmus) scholarship winner to spent at Arup London (UK).

October 2008 – December 2011

**Bachelor in Civil and Environmental Engineering – Thesis Title: ‘Statistic calibration of shear strength models for concrete slabs reinforced with FRP rebars’**

EQF level 6

*University of Naples “Federico II”, Department of Structural Engineering*

- Geotechnical and hydraulic engineering,
- science of construction,
- reinforced concrete structure

110 (out of 110) with honours  
(equivalent GPA 4.00)

April 2011

- University of Naples Federico II scholarship winner part-time employee in Department of Structural Engineering as librarian assistant.

September 2003 – June 2008

**Italian secondary school diploma**

EQF level 4

*High school – Liceo scientifico Emilio Segrè*

*Via G. Falcone,1 80016 Marano di Napoli (NA) - Italia*

- Mathematics,
- physics,
- chemistry.

May 2008

**European Computer Driving License**

*High school – Liceo scientifico Emilio Segrè*

*Via G. Falcone,1 80016 Marano di Napoli (NA) - Italia*

- Good ability to use the computer in the usual office applications at different levels of specialization.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | C1            | C1      | C1                 | C1                | C1      |

- Communication skills** ▪ Strong interpersonal and communication skills
- Job-related skills** ▪ Good ability to work in teams and high ability to collaborate with people with different tasks,  
▪ excellent organizational skills,  
▪ ability to quickly learn a wide category of software.
- Computer skills** Good knowledge of operating systems, Internet Explorer and the most popular e-mail programs.  
Regular use and good knowledge of the main Office applications in a Windows environment, such as:  
▪ Microsoft Excel  
▪ Microsoft Word  
▪ Microsoft Power Point  
▪ Microsoft Access  
Knowledge of various application software for the structural and geotechnical calculation, 2D and 3D CAD, parametric design, seismic response and signal analysis such as:  
▪ Plaxis 2D/3D  
▪ Flac 2D  
▪ Sap 2000
- Other skills** Ability to use tools for fast prototyping:  
▪ CNC mill (Roland MDX-40)  
▪ 3D printer
- Driving licence** ▪ Driving license (B)

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**ADDITIONAL INFORMATION**

- Projects** Projects:  
▪ Thames Tideway Tunnel, tender design assistance.  
▪ Northern Line Extension, design assistance.  
▪ Course "Advance Design of Smart Construction" in collaboration with the Naples Faculty of Architecture and UrbanFabLab at "Città della Scienza" (July 2013)
- Memberships** ▪ Member of Associazione Apotema, university student association, 2012.

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**REFERENCES**

Available on request