

# Curriculum vitae

## PERSONAL INFORMATION

Rita Chirico

📍 Napoli (Italy)

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Sex Female | Nationality Italian

## PERSONAL STATEMENT

I am a M.Sc. student in Geology and Applied Geology at the “Università degli Studi di Napoli Federico II” (Naples, Italy). My major interests are mineralogy, petrology and geochemistry of the Ore Deposits.

I graduated in Geological Science with a bachelor thesis in Applied Mineralogy entitled “Mineralogical and petrographic characterization of archaeological ceramics from Vivara” (final grade: 110/110 cum laude).

During my B.Sc. degree, I acquired a basic knowledge of the following subjects: Mineralogy, Geochemistry, Petrology, Ore Geology, Geological mapping, Structural Geology, Stratigraphy and Sedimentology, Geomorphology and several other disciplines.

Throughout my 1<sup>st</sup> year of M.Sc. degree, I had the opportunity to apply the basic skills acquired on these disciplines, to the study of ore-forming processes and systems. Furthermore, I have chosen courses like Economic Geology (including processing methods) and Geochemical survey, which put me in a better position to achieve my goals and develop my future professional career in this field.

## WORK EXPERIENCE

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25/04/2019–18/06/2019

### Exploration geologist

Nexa Resources, Shipasbamba (Peru)

Stage in Ore Geology consisting in drill core logging (geological and geotechnical) and sampling of the oxidized parts of the Zn-Pb-Ag mineralization.

Business or sector Mineral exploration

10/2015–01/2016

### Internship

Osservatorio Vesuviano - INGV, Napoli (Italia)

Stage in Volcanology/Petrology consisting in the study of tephra-fall deposits of the Ottaviano and Avellino eruptions (Somma-Vesuvio volcanic complex), including Granulometric analysis, Petrological analysis, Density analysis and Morphological analysis (using ImageJ software) of pumice clasts.

25/08/2015–01/09/2015

### Science communication activities

INGV Operative Centre, Stromboli (Italy)

I had to welcome and inform visitors about Aeolian volcanism and related risks.

Website: ([www.ilvulcanoinforma.it](http://www.ilvulcanoinforma.it))

20/08/2012–10/02/2013

### Au Pair

Dublin (Éire/Ireland)

I had to look after two children, aged six and four. The program included 7 working hours per day from Monday to Friday. I had to supervise the two children, making lunches, taking them out for exercise and ensuring that house was kept tidy.

Business or sector Childminding

## EDUCATION AND TRAINING

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09/2017–Present **MSc in Geology and Applied Geology**  
 Università degli Studi di Napoli "Federico II", Naples (Italy)  
<http://www.distar.unina.it/it/>

Two-year MSc programme

**Subjects Included:** geochemistry, mineralogy, ore geology, isotope geochemistry, tectonics and magmatism, structural geology fieldwork.

30/07/2018–04/08/2018 **ETNA INTERNATIONAL TRAINING SCHOOL OF GEOCHEMISTRY 2018 – “SCIENCE MEETS PRACTICE”**  
 INGV, Mount Etna, Sicily (Italia)

- One-week programme
- experiment and evaluate new protocols and techniques used on volcanic fluid emissions.

### Fieldwork and geological mapping

(Italy)

- SW Sardinia (Italy): Ore-forming processes and systems of mineralizations in the Iglesiente region.
- Diamante (Italy): Structural Geology Field Course – mapping, analysis and interpretation of geological structures (Diamante-Terranova Formation).
- Central Apennines, Leonessa (Italy): Geological mapping Field course (Umbria–Marche sedimentary sequence).

25/05/2017 **GIS certificate - Specialised level**  
 AICA - Associazione Italiana per l'Informatica ed il Calcolo Automatico (Italy)

**Module 1:** The Cartographic Representation

**Module 2:** Systems GIS

**Module 3:** Use of a GIS software (ESRI ArcGIS 10.2)

23/03/2017 **Bachelor's degree in Geological Science**  
 Università degli Studi di Napoli "Federico II", Naples (Italy)

Three years B.Sc. programme

Final grade: 110/110 “cum laude”

During the thesis I mostly applied analytical methods, suitable for the study of rocks and minerals (Optical microscopy, SEM-EDS microanalysis and Modal analysis), to get information about technological processing and production of ancient ceramic samples and to determine, on the basis of the geology of the local archaeological sites, the provenance of the raw materials used for their production.

07/2013 **ESOL CERTIFICATE**  
 British Institute, Naples (Italia)

Level: B2 VANTAGE

2012 **High School diploma**  
 Liceo Classico Adolfo Pansini  
 Piazza Quattro Giornate, 80128 Naples (Italy)

## PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
ESOL Certificate (Level: B2 VANTAGE)					
Spanish	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

## Organisational / managerial skills

- President of the University of Naples “Federico II” SEG Student Chapter since 2018. My team organise events, such as field trips and seminars for students in the ore geology field
- President of ASGU (Ass. Scienze Geologiche Unina), a no-profit geology student association signed up in the register of “Università degli Studi di Napoli Federico II” associations. I manage a team of 10 people. This position gave me and my team the opportunity to organise several events, such as field trips and seminars for students with outstanding professors and researchers
- Member of the Student Council of the University of Napoli “Federico II”

## Digital skills

- Geographic Information System (e.g. ArcGIS and Quantum GIS);
- Microsoft Office programmes (especially Microsoft Excel platform to elaborate mineralogical and geochemical analysis; Microsoft Power Point, Microsoft Word etc.).

Driving licence B

## ADDITIONAL INFORMATION

## Memberships

- Society of Economic Geologists (SEG)
- Società Italiana di Mineralogia e Petrologia (SIMP)

## Personal interests

- Visit other countries; meet new people and learning about different cultures
- mountain trekking