

# EUROPEAN FORMAT FOR CURRICULUM VITAE



Declaration made pursuant to art. 46 and 47 of Presidential Decree No. 445/2000

## PERSONAL INFORMATIONS

Name **FILIPPO TOMMASO CATELAN**  
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Phone **+39 347 9366009**  
E-mail **filippocatelan@gmail.com**  
Skype **filippocatelan**  
Nationality Italian  
Date of birth 14, SEPTEMBER, 1994

## WORK EXPERIENCE

- Dates (from - to) January 2023 – Present
  - Name and address of the employer National Research Council of Italy, Corso Stati Uniti, 4, 35127 Padova
  - Type of business or sector Research
  - Type of employment Researcher
  - Main duties and responsibilities Hydrogeological numerical modelling, drone survey, landslide monitoring, landslide mitigation solution design.
  
- Dates (from - to) January 2022 – December 2022
  - Name and address of the employer National Research Council of Italy, Corso Stati Uniti, 4, 35127 Padova
  - Type of business or sector Research
  - Type of employment Scholarship holder
  - Main duties and responsibilities Proposals for structural interventions based on hydrogeological analyses and numerical modelling techniques, for the mitigation of the landslide hazard affecting the town of Lamosano (Northern Italy)
  
- Dates (from - to) January 2021 – July 2021
  - Name and address of the employer Department of Geoscience, University of Padova, Via G. Gradenigo 6, 35131 Padova
  - Type of business or sector Research
  - Type of employment Scholarship holder
  - Main duties and responsibilities Multivariate statistics and numerical modelling in the field of the propagation of perfluoro alkyl substances (PFAS) in the groundwater of northern Italy.
  
- Dates (from - to) October 2019 - December 2019, June 2021
  - Name and address of the employer Jerome Walter Gueguen
  - Type of business or sector Cinema
  - Type of employment Camera assistant in the production of the film: "Bigoli Bang" directed by Jérôme Walter Gueguen.
  
- Dates (from - to) November 2020

- Name and address of the employer
  - Type of business or sector
  - Type of employment
- Main duties and responsibilities
  
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  - Type of business or sector
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  - Type of employment
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Consorzio Futuro in Ricerca, Via Giuseppe Saragat 1, 44122 Ferrara

Research

Self-employment

Environmental sampling of groundwater according to d.lgs. 152/2006 e s.m.i. as part of the research project: "Test pilota di applicazione dei trattamenti in situ di biodegradazione anaerobica potenziata nel sito Ex-Sirac (Scandicci, FI) studio idrogeologico e monitoraggio".

June 2018 - September 2018

Department of Geoscience, University of Padova, Via G. Gradenigo 6, 35131 Padova

Research

Extracurricular internship after winning the "Mille e una lode" study prize

Internship in the research project of Prof. Andrea Marzoli regarding the study and research of fluid inclusions in volcanic rocks, from the magmatic province of Deccan, through the analysis of thin sections with transmission and reflection optical microscope.

October 2013 – June 2015

Crisoici - Spazio Ca' D'Oro, Corso Andrea Palladio, 147, 36100 Vicenza

Cultural events

Member of the cultural association "Crisoici - Spazio Ca' D'Oro"

Realization of catalogues, multimedia content production, organization of exhibitions and cultural events.

November 2014 - May 2015

Jorge Moro, Via Savonarola, 242, 35137 Padova

Photography

Occasional collaboration

Editing of corporate and advertising videos, multimedia content post-production.

Settembre 2013 – Giugno 2014

Pietro Mingotti

Photography

Occasional collaboration

Shooting for the production of multimedia content, creation and management of the photographic set.

November 2013 – December 2013

Crisoici - Spazio Ca' D'Oro, Corso Andrea Palladio, 147, 36100 Vicenza

Photography

Photographer

Solo photo exhibition: "Immortalia, momenti di umiltà perpetua" at Palazzo da Schio, Vicenza in collaboration with the cultural association "Crisoici - Spazio Ca' D'Oro".

## EDUCATION AND TRAINING

- Dates (from - to)
- Name and type of education or training institution
  - Qualification

November 2022 – Present

University of Modena and Reggio Emilia

Doctor of Philosophy

- Dates (from - to)
- Name and type of education or training institution
- Main subjects / professional skills covered by the study
- Qualification awarded

September 2018 – September 2020  
University of Padova

Thesis title: Numerical simulation of PFAS contamination of groundwater in western Veneto. Applied hydrogeology, geothermal, applied geology and geological-technical design, geotechnics, applied geochemistry, hydrology and hydraulics, excavation safety, applied geomorphology. Master's Degree in Geology and applied geology (LM-74). Final mark: 110/110 magna cum laude.

- Dates (from - to)
- Name and type of education or training institution
- Main subjects / professional skills covered by the study
- Qualification awarded

September 2015 – July 2018  
University of Padova

Thesis title: Geochemistry and mineralogy of basalts from the Berici Hills. Applied geology with elements of legislation, geochemistry, terrestrial physics and applied geophysics, geological survey. Bachelor's degree in Geological Science (L-34). Final mark: 110/110 magna cum laude winning the study prize: "Mille e una lode" as one of the students with the highest mark average and frequency of exams per year.

- Dates (from - to)
- Name and type of education or training institution
- Qualification awarded

September 2008 - June 2013  
High school gymnasium "Antonio Pigafetta", Vicenza

Linguistic diploma with musical experimentation.

## PERSONAL SKILLS

### MOTHER TONGUE

[ Italian ]

### OTHER LANGUAGE(S)

- Understanding
  - Writing
  - Speaking

[ English ]  
[ Proficient user ]  
[ Proficient user ]  
[ Independent user ]

- Understanding
  - Writing
  - Speaking

[ Spanish ]  
[ Proficient user ]  
[ Proficient user ]  
[ Proficient user ]

- Understanding
  - Writing
  - Speaking

[ French ]  
[ Independent user ]  
[ Basic user ]  
[ Basic user ]

### RELATIONAL SKILLS

I am able to relate to people of different nationalities and cultures thanks to the experience gained abroad in numerous trips (e.g., 1 month in Australia, 1 month in Guatemala and 2 months in Ecuador) and cultural exchanges (2 weeks in Holland and 1 month in Spain). I am able to work with different people within a team thanks to the numerous group projects carried out during the university course and during my experience as a member of the cultural association "Crisoici - Spazio Ca 'D'Oro".

### ORGANIZATIONAL SKILLS

I am able to autonomously organize the work, defining priorities and assuming responsibilities acquired through the various professional experiences, previously listed, during which I was often asked to independently manage the various activities respecting set deadlines and objectives.

TECHNICAL SKILLS	I am able to use the various applications of the Office package used frequently within the university course. Furthermore, during the realization of the master's degree thesis project I developed the ability to use GIS programs (ArcGis) for the management of large geographic databases and graphical interfaces (Modelmuse USGS) for the simulation of groundwater flow and transport of substances and heat in them. During the scholarship I used R programming language to carry out multivariate statistical analysis processes of large databases. Finally, my great passion for photography and the different work experiences in this sector have allowed me to learn to use many programs of the Adobe software house.
ARTISTIC SKILLS	Thanks to various work experiences, volunteering and a great passion I have developed considerable skills both in the management and in the realization of photographic and videomaking projects. Furthermore, for many years I have been passionate about music and I play the guitar, an instrument that I was able to study during the years of linguistic high school and musical experimentation.
DRIVING LICENCE	Driving license B Drone license A1-A3

The undersigned declares to be informed, pursuant to Legislative Decree no. 196/2003, that the personal data collected will also be processed with IT tools exclusively as part of the procedure for which this declaration is made.

Padova, on 07/03/202

The Declarant  
