europass Curriculum vitae

PERSONAL INFORMATION

Ulisse Cavallini

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www.faunalia.eu

Gender Male | Date of birth 01 July 1996 | Nationality Italian

EDUCATION

2020 — Laurea (master) degree *cum laude* in Business Economics (University of Pisa)

None

2018 — Laurea (bachelor) degree *cum laude* in Economics (Università di Pisa)

None

WORKING EXPERIENCE

September 2026 – September 2027 — Training on Lizmap Web Client and QGIS Server

Hydro Nova Srl

September 2026 — GeoNode, GeoServer and PostGIS training

Regione del Veneto

September 2026 — Cartography and analysis training with QGIS

Regione Emilia Romagna

July 2026 — Development of a QGIS plugin to calculate the optimal routing for marine surveys, based on length, angle, depth, and advanced user settings

Next Geosolutions Europe S.p.A.

May 2026 — Installation and configuration of a WebGIS system (QGIS + LizMap) for the SHARE.MedWATER project

Hydro Nova Srl

April 2026 — Installation and configuration of a WebGIS system (QGIS + LizMap) for the Barwaaqo project

Hydro Nova Srl

March 2026 — Operating System, QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade, Lizmap projects optimization and upgrade

Consorzio di Bonifica 1 Toscana Nord

March 2026 — QField Cloud project optimization, related training

Gifor

January 2026 **Operating System, QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade, Lizmap projects optimization and upgrade**
Next Geosolutions Europe S.p.A.

January 2026 **Development of a Lizmap module to automatically generate and export information along a route imported or drawn by the user, dynamically calculating bathymetry profiles and contour lines**
Next Geosolutions Europe S.p.A.

January 2026 **Development of a Lizmap module to automatically extract and generate an block-based geomodel, starting from a user drawing or an existing geometry**
Next Geosolutions Europe S.p.A.

January 2026 **Assistance, support and joint development on QGIS, PostgreSQL/PostGIS and Lizmap for the creation of a corporate WebGIS system, customization and core developments on Lizmap**
SMAT Società Metropolitana Acque di Torino S.p.A.

January 2026 **Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis**
Tethys S.r.l.

January 2026 **WebGIS integration with AVEVA PI APIs for downloading data and loading it into PostgreSQL. Reconstruction and optimization of the logic previously implemented in Dataiku.**
Tethys S.r.l.

January 2026 – April 2027 **WFS QGIS native provider: added support for complex structure**
Bureau de Recherches Géologiques et Minières (BRGM)

January 2026 – April 2028 **Sensor Of Things provider: support for version 2.0 in QGIS core**
Bureau de Recherches Géologiques et Minières (BRGM)

January 2026 **Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis, related training and consultancy**
CNR - Istituto di Geoscienze e Georisorse

January 2026 **Security enhancements on a WebGIS server, Mergin Maps installation and training**
Acquedotto Lucano S.p.A.

January 2026 **Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database**
HPC Italia S.r.l.,

January 2026 **Debian, QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade**
Tethys S.r.l.

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December 2025 DWG georeferencing, features extraction and conversion according to ministry specifications
SO.F.INVEST s.r.l.

November 2025 Development of an interactive dashboard using Apache Superset, LDAP integration and training on the application
ETRA S.p.A. Società benefit

October 2025 PostgreSQL and PostGIS with QGIS training
Casa Editrice Tabacco

September 2025 Development of a node.js script to interact with ANNCSU APIs, sending house numbers data in bulk and with an automatic procedure. Development of an automatic syncronization procedure and database triggers to ensure automatic parity between the databases.
Comune Senigallia

September 2025 Training on the online file management and project management system for the Iraq National Water Strategy. Training on Lizmap and QGIS Server
Hydro Nova Srl

September 2025 Development of a PHP script to interact with ANNCSU APIs, sending house numbers data in bulk and with an automatic procedure
Comune di Montelupo Fiorentino

August 2025 – April 2026 Support on Lizmap Web Client, QGIS Server and PostGIS, server management
Esterhazy Betriebe AG

July 2025 Apache Superset installation on an on-premise server, support and custom developments
Tethys S.r.l.

July 2025 Training on the online Groundwater Database Management System for Transboundary Aquifers in the Nile Basin
Hydro Nova Srl

June 2025 Development of a Lizmap javascript script to export a PDF based on live popup data
Free Wheels Onlus

June 2025 PostgreSQL upgrade from 9 to 17 in a Windows environment
Esterhazy Betriebe AG

June 2025 Installation and configuration of a WebGIS (QGIS server + Lizmap), data and project importation and setup, training
Esterhazy Betriebe AG

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May 2025 **Operating System, QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade, Lizmap projects optimization and upgrade**
Naturcoop

April 2025 **Lizmap and Mergin Maps hosting, consultancy and support on QGIS projects creation**
Università di Cagliari

April 2025 **Integration of external API to download cadastral plans in Lizmap, with shared authentication**
Comune Senigallia

April 2025 **Assistance, support and joint development on QGIS, PostgreSQL/PostGIS and Lizmap for the creation of a corporate WebGIS system**
SMAT Società Metropolitana Acque di Torino S.p.A.

March 2025 **Development of a QGIS plugin for the automatic update of styles from a PostgreSQL database**
Consorzio di Bonifica 3 Medio Valdarno

March 2025 **Support on Lizmap Web Client, QGIS Server and PostGIS, server management**
Acquedotto Lucano S.p.A.

March 2025 **Development of a Lizmap javascript script to customize the data editing form**
Consorzio di Bonifica 3 Medio Valdarno

January 2025 **Support on Lizmap Web Client, QGIS Server and PostGIS, server management**
Comune Senigallia

January 2025 **Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database**
HPC Italia S.r.l.,

January 2025 **Support on Lizmap Web Client, QGIS Server and PostGIS, server management**
Consorzio di Bonifica 1 Toscana Nord

January 2025 **Support and develpment of custom functionalities on the company Open Source GIS system**
ETRA S.p.A. Società benefit

January 2025 **Support and maintenance on a Webgis system based on Lizmap and PostGIS**
Tethys S.r.l.

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January 2025 — Development and support on the GIS portal of forestry data for Regione Toscana
Regione Toscana, Dipartimento Istruzione e Cultura

January 2025 — Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis
Geogrupa (Ltd)

January 2025 — Development of a QGIS plugin to automatically generate optimal lines for surveys at sea
Hyperion Systems Engineering Ltd

January 2025 — Development of a Lizmap module to share and manage documents and files, with permissions management
Hyperion Systems Engineering Ltd

January 2025 — Development of a Lizmap module to automatically calculate profiles on multiple rasters, starting from a user drawing or an existing geometry
Hyperion Systems Engineering Ltd

January 2025 — Development of an email-based notification system in PostgreSQL
Tethys S.r.l.

January 2025 — Custom QGIS algorithms development for the post processing of data collected on the field
Groma SC

November 2024 — Training on Lizmap Web Client and QGIS Server
Alessandro Rossi

September 2024 – March 2025 — Development of a web platform based on Wordpress to disseminate and manage hydrological projects in Iraq, including custom plugins to manage massive amounts of files with tags, and interactive maps. Full integration between Wordpress and Lizmap with shared autentication, and a projects list in Wordpress.
Hydro Nova Srl

August 2024 — Advanced Geodatabase with PostgreSQL/PostGIS training
Tethys S.r.l.

August 2024 – March 2025 — Consultancy and training on Mergin Maps and QGIS
Groma SC

July 2024 — Installation of LizMap and Apache Superset
Agenzia Veneta per l'innovazione nel settore primario

July 2024 – April 2025 — Consultancy and training on PostgreSQL/PostGIS, QGIS, Webgis
maptransfer GmbH

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July 2024 **QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade**
Consorzio di Bonifica 1 Toscana Nord

July 2024 **Installation and configuration of a WebGIS (QGIS + LizMap). Management of the interoperability between national databases. Development of a QGIS plugin to manage cadastre data**
Comune Senigallia

June 2024 **Development of a custom Lizmap module for bulk insert of data into PostgreSQL, with automatic daily export in shp format**
C.A.D.F. S.p.A. - Ciclo Integrato Acquedotto Depurazione Fognatura

April 2024 **Development of an online Groundwater Database Management System for Transboundary Aquifers in the Nile Basin**
Hydro Nova Srl

February 2024 **Professional consultancy for waste water project in QGIS and QField**
Iris Acqua S.p.A.

January 2024 **Development, support and training on a WebGIS solution based on Lizmap Web Client and Mergin Maps to survey accessible facilities, hotels and restaurants**
Free Wheels Onlus

January 2024 **Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis**
Geogrupa (Ltd)

January 2024 **Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database**
HPC Italia S.r.l.,

January 2024 **Development and support on the GIS portal of forestry data for Regione Toscana**
Regione Toscana, Dipartimento Istruzione e Cultura

January 2024 **QGIS Server/Lizmap Web Client and PostGIS webgis setup and hosting**
Tethys S.r.l.

January 2024 **Support on Lizmap Web Client, QGIS Server and PostGIS, server management**
Consorzio di Bonifica 1 Toscana Nord

January 2024 **Support and maintenance on a Webgis system based on Lizmap and PostGIS**
Tethys S.r.l.

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January 2024 – December 2025
Support on Lizmap Web Client, QGIS Server and PostGIS, server management, data and projects changes
C.A.D.F. S.p.A. - Ciclo Integrato Acquedotto Depurazione Fognatura

November 2023
PostgreSQL and PostGIS with QGIS training
CNR ISMAR

October 2023
Advanced data analysis training with Python
CNR ISMAR

October 2023
Consultancy and support on Lizmap Web Client and QGIS Server
Tyche Digital Technology Srl

September 2023
Training on the PostgreSQL permission system and on the near-time import of GPS data from a ship
Next Geosolutions Europe S.p.A.

September 2023
Docker and Geonode consultancy
Politecnico di Torino - Dipartimento di Ingegneria Strutturale, Edile e Geotecnica

May 2023
Analysis with QGIS training
CNR ISMAR

May 2023 – December 2024
QGIS Server/Lizmap Web Client and PostGIS webgis setup and hosting
Globalmapper - Idea Computer, Sistemi e Servizi Snc

May 2023 – May 2024
QGIS consultancy
Matteo Nerli

May 2023
QGIS Server/Lizmap Web Client webgis setup and hosting
Idea Computer, Sistemi e Servizi Snc

May 2023
Advanced QGIS and PostGIS training
So.ge.D'Or. S.r.l.

May 2023
PostgreSQL/PostGIS geodatabase setup and hosting
Idea Computer, Sistemi e Servizi Snc

May 2023
Creation of a custom portfolio map to be included on the institutional website using Wordpress plugin
Hydro Nova Srl

April 2023
QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade
Naturcoop

April 2023
QGIS Server/Lizmap Web Client and PostGIS webgis setup and hosting

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Tethys S.r.l.

April 2023 — Webgis system migration on a new server, including QGIS Server, Lizmap and PostGIS
Food Retail Italia Srl

March 2023 — Porting of the WebSIT based on Oracle Spatial to PostgreSQL/PostGIS, QGIS and LizMap
Comune di Foligno

February 2023 — Advanced GIS consultancy (QGIS, PostGIS, MerginMaps)
So.ge.D'Or. S.r.l.

February 2023 — Geodatabase with PostGIS training
Agenzia Mobilità, Ambiente e Territorio del Comune di Milano

February 2023 – December 2024 — Migration of the existing data and functionalities to open source GIS software, development of custom functionalities, core Lizmap development
ETRA S.p.A. Società benefit

January 2023 — Development and support on the GIS portal of forestry data for Regione Toscana
Regione Toscana, Dipartimento Istruzione e Cultura

January 2023 — Development, support and training on a WebGIS solution based on Lizmap Web Client and Mergin Maps to survey accessible facilities, hotels and restaurants
Free Wheels Onlus

January 2023 — Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis
Geogrupa (Ltd)

January 2023 — WebGIS (QGIS server + Lizmap) and database (PostgreSQL+ PostGIS) server maintenance, monitoring and upgrade. Development of an email notification system based on Postgres triggers
Tethys S.r.l.

January 2023 — Development of automatic geographic data import/export procedures. Support on Lizmap and QGIS Server
C.A.D.F. S.p.A. - Ciclo Integrato Acquedotto Depurazione Fognatura

January 2023 — Training on Lizmap Web Client and QGIS Server
C.A.D.F. S.p.A. - Ciclo Integrato Acquedotto Depurazione Fognatura

January 2023 — Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database

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HPC Italia S.r.l.,

January 2023 — Development of a tool to publish a ship location on Lizmap, in real-time and with historic data
Next Geosolutions Europe S.p.A.

January 2023 — Setup and configuration of a Mergin server with a PostgreSQL/PostGIS geodatabase to manage fire hydrants. Development of an email notification system based on Postgres triggers
Padania Acque S.p.A.

November 2022 — Geodatabase with PostGIS training

November 2022 — Installation and configuration of a WebGIS (QGIS server + Lizmap) and a database (PostgreSQL+ PostGIS)
C.A.D.F. S.p.A. - Ciclo Integrato Acquedotto Depurazione Fognatura

October 2022 – April 2023 — Cartography with QGIS, geodatabase with PostgreSQL and PostGIS and WebGIS with QGIS and Lizmap customized training
Consorzio di Bonifica 3 Medio Valdarno

July 2022 — HDD to SSD migration, Debian server cloning with hardware RAID, Windows clients cloning
Consorzio di Bonifica 1 Toscana Nord

July 2022 — Backup, setup and hardening of a Debian server with PostgreSQL/PostGIS, QGIS Server and Lizmap. Security best practice implementation
Next Geosolutions Europe S.p.A.

May 2022 — QGIS cartography training and data collection workshop with Input/Mergin
Fondazione Istituto Tecnico Superiore E.A.T.

April 2022 — Advanced QGIS, Geodatabase and PyQGIS training
Ammagamma | Artificial Intelligence solutions

April 2022 — Consultancy in QGIS, Input and Database
Società Incremento Turistico Canazei S.p.A.

April 2022 — Troubleshooting and bugfixing of a WebGIS system based on Lizmap
Lorenzo Fusco

March 2022 — Installation and configuration of a WebGIS (QGIS server + Lizmap) and a database (PostgreSQL+ PostGIS)
Tethys S.r.l.

March 2022 – June 2023 — Training on Geodatabase with Postgis, Webgis with Lizmap

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Scuola Superiore Sant'Anna

February 2022 — QGIS cartography training
Fondazione Istituto Tecnico Superiore E.A.T.

January 2022 — Installation, configuration and assistance of a complete GIS system with WebGIS and Spatial Database
Scuola Superiore Sant'Anna

January 2022 — QGIS, QField, Input and Mergin, PostgreSQL/PostGIS specialized consultancy
Südtiroler Transportstrukturen AG

January 2022 — GIS specialized consultancy
Padania Acque S.p.A.

January 2022 – December 2024 — Support on Lizmap Web Client, QGIS Server and PostGIS, server management, data and projects changes
Cis S.r.l.

January 2022 — Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database
HPC Italia S.r.l.,

December 2021 – January 2022 — Consultancy and training on the containerization of custom applications
SoluTOP sas

December 2021 — Development of a survey on the accessibility features of hotels and accomodations using Input
Free Wheels Onlus

November 2021 — Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database
HPC Italia S.r.l.,

September 2021 – June 2022 — PostgreSQL/PostGIS DB development with a QGIS project to use in INPUT and Mergin mobile applications for the Ministry of Water Resources of the Gambia
Hydro Nova Srl

September 2021 — Docker consultancy and training
SoluTOP sas

August 2021 — Oracle Spatial DB interaction between QGIS and LizMap
Comune di Bolzano

July 2021 — Consultancy on QGIS and MSSQL Server. QGIS bugfixing (MSSQL provider)

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I&S Informatica e Servizi S.r.l.

January 2021 **WebGIS platform of QField data**

Free Wheels Onlus

January 2021 **Installation and configuration of a WebGIS (QGIS server + Lizmap) and a database (PostgreSQL+ PostGIS) server with LDAP and SAMBA integrations. Development of an email notification system based on Postgres triggers**

Tethys S.r.l.

January 2021 **GIS specialized consultancy**

Padania Acque S.p.A.

October 2019 – May 2022 **Installation and configuration of a WebGIS (QGIS server + Lizmap), data and project importation and setup, training**

Teti s.r.l.s.

June 2019 – September 2020 **Installation and consultancy of a complex WebGIS platform in an Open Source framework**

Cis S.r.l.

PERSONAL SKILLS

Mother tongue: Italian

Other languages

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

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

SEMINARS & CONFERENCES

2026 Participation to the FOSS4G-IT 2026 with a talk on the recent developments of Lizmap Web Client

2026 Participation to the FOSS4G-IT 2026 with a talk about Foreign Data Wrappers in PostgreSQL/PostGIS

2025 Participation to the FOSS4G-IT 2025 with a talk on Open Source Geospatial Technologies

2025 Participation to the PgDay Napoli 2025

2024 Participation to the Italian FOSS4G with the talk: "Publishing geospatial data on the web with QGIS and Lizmap"

2024 Participation to the PgDay Med 2024

2023 Participation at the GeodaysIT 2023 with the workshop "QGIS in campo con Mergin Maps"

2023 Participation to the PgDay Med 2023

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2022 Participation at the conference Technology for all with the talk "Dal campo al cloud: MerginMaps e QGIS"

2022 Participation to the XXIV User Contributors Meeting, Florence, Italy

POPULAR AND TECHNICAL PAPERS

Cavallini P., Ghetta M., Cavallini U. 2022 From the field to the clouds: data collection and publication with QGIS *Geomedia 2022/03: 06-11*

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