PERSONAL INFORMATION

Ulisse Cavallini

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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

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

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

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

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

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

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

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
July 2024	**QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade** Consorzio di Bonifica 1 Toscana Nord
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 LCC
February 2024	**Professional consultancy for waste water project in QGIS and QField** Iris Acqua S.p.A.
January 2024	**Hosting of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis** Geogrupa (Ltd)
January 2024	**QGIS Server/Lizmap Web Client and PostGIS webgis setup and hosting** Tethys S.r.l.
January 2024	**Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database** HPC Italia S.r.l.,
January 2024	**Support and maintenance on a Webgis system based on Lizmap and PostGIS** Tethys S.r.l.
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
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	**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 LCC
May 2023	**QGIS Server/Lizmap Web Client webgis setup and hosting** Idea Computer, Sistemi e Servizi Snc
April 2023	**Webgis system migration on a new server, including QGIS Server, Lizmap and PostGIS** Food Retail Italia Srl
April 2023	**QGIS Server, Lizmap, PostgreSQL and PostGIS upgrade** Naturcoop
April 2023	**QGIS Server/Lizmap Web Client and PostGIS webgis setup and hosting** Tethys S.r.l.
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   **Hosting and consultancy on the structuring of a PostgreSQL/PostGIS database**
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   **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 of a webgis solution based on Lizmap, QGIS Server and PostgreSQL/Postgis**
Geogrupa (Ltd)

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.

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

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

| January 2022 | **GIS specialized consultancy** |
| | Padania Acque S.p.A. |

| 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 LCC |

| 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)** |
| | 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	
C1	C1	C1	C1	C1

English row: 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

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