

# Sergi Alvarez Guasch

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08027 Barcelona

Driving license B - own vehicle

December 26, 1983



## MAIN ROLES

**Data Analyst** - Python, SQL, Tableau, Machine Learning.

**GIS Technician** - QGIS, ArcGIS, PyQGIS, Microstation

## EXPERIENCE

**2020 – 2022**

Solucions Geogràfiques. Barcelona

**GIS technician**

- ✓ GIS analysis (ArcGIS, QGIS, Microstation)
- ✓ Data base management and technical reports

**2017 – 2020**

GEOMEDI – *Surveying Digital Studio*. Barcelona

**Surveying technician**

- ✓ CAD projects (Microstation)
- ✓ Management, data analysis and technical reports
- ✓ Surveys and stakeout topographics.

**2015 – 2016**

Zirkonzahn Worldwide. Italia

**CAD/CAM technician**

- ✓ CAD/CAM projects
- ✓ Management, order processing and offers
- ✓ Representation at events and exhibitions

**2011 – 2012**

C.R.E.A.F. Barcelona

**GIS & Remote Sensing technician**

**2009 – 2010**

Observatori Socioambiental de Menorca. Maó

**GIS technician**

- ✓ Preparing the Land Cover Map of Catalonia (MCSC)
- ✓ Preparing the land cover map of Menorca
- ✓ GIS analysis, geometric, radiometric and photogrammetry corrections

## EDUCATION

2022 **Data Analytics Bootcamp**. Python, SQL, Tableau, Machine Learning. IronHack

2020 **Professional Master in GIS. Specialization in Geospatial Analysis** UdG - UNIGIS.

2020 Programming **Python-PyQGIS**. MappingGIS

2013 Oriented Object Programming **JAVA 2SE & C++**. Centre d'Informàtica Professional - CIPSA

2011 **Master in Remote Sensing and Geographical Information Systems**. UAB

2010 **Bachelor's Degree in Geography**. UAB

## LANGUAGES, TECH SKILLS & PROJECTS

English

IELTS

**National Tertiary Education Consortium (New Zealand, 2015)**

**New Zealand Institute of Studies (New Zealand, 2014)**

Spanish

Native or bilingual proficiency

Catalan

C1

Native or bilingual proficiency

Italian

A2

**QGIS; ArcGIS; MiraMon; Tableau; Python (PyQGIS); MySQL, PostgreSQL (PostGis); CARTO; Mapbox; Microstation**

<https://github.com/SergiGuasch/Projects.git>