

# Sergi Alvarez Guasch

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Driving license B - own vehicle

December 26, 1983



## MAIN ROLES

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

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

## EXPERIENCE

- |  |   |  |
|--|---|--|
| <b>2020 – 2022</b>   | Soluciones Geogràfiques. Barcelona                    | <b>GIS technician</b>                      |
| <ul style="list-style-type: none"><li>✓ GIS analysis (ArcGIS, QGIS, Microstation)</li><li>✓ Data base management and technical reports</li></ul>   |   |  |
| <b>2017 – 2020</b>   | GEOMEDI – <i>Surveying Digital Studio</i> . Barcelona | <b>Surveying technician</b>                |
| <ul style="list-style-type: none"><li>✓ CAD projects (Microstation)</li><li>✓ Management, data analysis and technical reports</li><li>✓ Surveys and stakeout topographics.</li></ul>   |   |  |
| <b>2015 – 2016</b>   | Zirkonzahn Worldwide. Italia                          | <b>CAD/CAM technician</b>                  |
| <ul style="list-style-type: none"><li>✓ CAD/CAM projects</li><li>✓ Management, order processing and offers</li><li>✓ Representation at events and exhibitions</li></ul>  |   |  |
| <b>2011 – 2012</b>   | C.R.E.A.F. Barcelona                                  | <b>GIS &amp; Remote Sensing technician</b> |
| <b>2009 – 2010</b>   | Observatori Socioambiental de Menorca. Maó            | <b>GIS technician</b>                      |
| <ul style="list-style-type: none"><li>✓ Preparing the Land Cover Map of Catalonia (MCSC)</li><li>✓ Preparing the land cover map of Menorca</li><li>✓ GIS analysis, geometric, radiometric and photogrammetry corrections</li></ul> |   |  |

## EDUCATION

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|------|---|
| 2022 | <b>Data Analytics Bootcamp.</b> Python, SQL, Tableau, Machine Learning. IronHack                  |
| 2020 | <b>Professional Master in GIS. Specialization in Geospatial Analysis</b> UdG - UNIGIS.            |
| 2020 | Programming <b>Python-PyQGIS</b> . MappingGIS   |
| 2013 | Oriented Object Programming <b>JAVA 2SE &amp; C++</b> . Centre d'Informàtica Professional - CIPSA |
| 2011 | <b>Master in Remote Sensing and Geographical Information Systems</b> . UAB                        |
| 2010 | <b>Bachelor's Degree in Geography</b> . UAB   |

## LANGUAGES, TECH SKILLS & PROJECTS

- |         |       |  |
|---------|-------|--|
| English | IELTS | <b>National Tertiary Education Consortium (New Zealand, 2015)</b><br><b>New Zealand Institute of Studies (New Zealand, 2014)</b> |
| 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/blob/main/TPF\\_Alvarez\\_Guasch\\_Sergi.pdf](https://github.com/SergiGuasch/projects/blob/main/TPF_Alvarez_Guasch_Sergi.pdf)

<https://github.com/SergiGuasch/projects/blob/main/GeoFocus%20Rare.pdf>

<https://github.com/SergiGuasch/hangover/blob/main/Readme.md>

<https://github.com/SergiGuasch/sergiguasch/blob/main/README.md>