


## PERSONAL INFORMATION

## Alexandre Ferreira Neto



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 <https://gisunchained.wordpress.com/>  <https://www.linkedin.com/pub/alexandre-neto/22/407/81a>

 <https://github.com/SrNetoChan>

Sex Male | Date of birth 20/11/1976 | Nationality Portuguese

## WORK EXPERIENCE

03/2019–Present

## Geospatial Consultant

QCooperative (United States)

Technical support for spatial analysis and workflows using QGIS, PostGIS, and other open-source tools. Creating QGIS processing models and python scripts to automate tasks.

03/2016–Present

## Trainer and geospatial consultant

NaturalGIS (Portugal)

QGIS training, geospatial analysis and spatial database management.

04/2016–03/2019

## Documentation and Quality Assurance Lead

Boundless Spatial (United States)

Product Documentation and training content creation for Boundless Desktop (a QGIS based software package) and QGIS plugins; Boundless Desktop quality assurance, quality control and testing.

09/2018–09/2019

## Geospatial Consultant

Inforgeo, Sistemas de Informação Geográfica, Lda, Lisboa (Portugal)

Spatial data management, quality control, and cartography for the Azores Islands Land cover survey project, using QGIS, PostGIS and Python.

01/2015–03/2016

## GIS Expert

Directorate-General of the Maritime Natural Resources, Safety and Services (Portugal)

Spatial data management, geoweb services and metadata catalogue creation for the SNIMar project, in Instituto Português do Mar e da Atmosfera (IPMA). Sponsored by EErants.

10/2008–01/2015

## GIS Expert - Cartographer

Cascais Ambiente, Alcabideche (Portugal)

Spatial databases manager and spatial analysis for operational support (e.g., GIS for Landscape and habitat management plan, Municipal green infrastructure); Cartography, using PostGIS and QGIS

Oct 2001–Sep 2008

## GIS Technician

Turinta, Turismo Internacional, Lda., Cascais (Portugal)

Creation and management of a GIS for Cartography production automation; Cartography.

Oct 2000–Sep 2001

## Sales Technician

Inforgeo, Sistemas de Informação Geográfica, Lda, Lisboa (Portugal)

Satellite imagery sales; Digitalization quality control.

Mar 2000–Sep 2000

### Trainee

Instituto Geográfico do Exército (IGeoE) - Remote Sensing Department, Lisboa (Portugal)  
Satellite imagery processing.

## EDUCATION AND TRAINING

10/2014–11/2014

### Pedagogical Training Course for Trainers (90h)

Academia APAMM

CCP n.º F630328/2015

2007–2011

### Master Degree in Science and Geographic Information Systems

EQF level 7

School of Statistics and Information Management of the New University of Lisbon, Lisbon (Portugal)

Geographic Information Sciences, Spatial Analysis, Data Mining, Spatial Databases, Remote Sensing.

1995–2000

### Degree in Survey engineering (300 ECTS)

EQF level 6

Faculty of Sciences the University of Lisbon, Lisbon (Portugal)

GIS, Remote Sensing, Photogrammetry, Geodesy, Topography, Statistics.

## PERSONAL SKILLS

Mother tongue(s)

Portuguese

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Inglês	C1	C1	C1	C1	C1
Italian	A2	A1	A2	A2	A1

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

Communication skills

Communicative, helpful and with a high teamwork capability.

Job-related skills

High expertise in Geographic Information Systems (GIS): Spatial analysis, spatial database management, and cartography.

Extensive experience with GIS software: QGIS, PostGIS, Spatialite, and ArcGIS.

Extensive experience with Sphinx-Docs, git versioning, and AGILE development process. Good knowledge of Python and SQL.

Eager for new knowledge about GIS and programming. Particular interest in Open Source solutions.

Digital skills

High knowledge about hardware, and Windows and Linux OS; Solid knowledge on software for graphic design (Photoshop, Illustrator, Gimp, Inkscape).

## ADDITIONAL INFORMATION

Projects

Author of the blog "GIS unchained", dedicated to sharing knowledge about Open Source Software for GIS. Written in Portuguese and English.

Author of QGIS Python Plugins: "Multipart split", "Walking time", and "GISon3dMap"

#### Memberships

Active voting member of the QGIS community (Python plugins, Documentation, UI/UX, and translations). Founder member of the Portuguese QGIS User Group ([www.qgis.pt](http://www.qgis.pt)).

Charter member of *Open Source Geospatial Foundation* (OSGeo) and Member of OSGeo Portuguese Chapter.

#### Training

Cartography with QGIS. Portuguese QGIS user group meeting 2014. Coimbra, Portugal

Cartography with QGIS. Comunidade intermunicipal do Vale do Tejo. 2016, Constância, Portugal

Atlas Tips and Tricks. QGIS User conference 2017. Girona, Spain

QGIS usage for municipal master planning. 2018, Cascais, Portugal

Atlas Tips and Tricks. QGIS User conference 2019. La Coruna, Spain.

Atlas: the map iterator. Swedish QGIS user group meeting 2019.

Cartography with QGIS. 2019, Lisbon, Portugal

#### Publications

Neto, A. 2014. SIG Open source na gestão ambiental municipal. 1ª Conferência Nacional de Geodesia.

Correia, I.; Neto A.; Silva, V.; Saraiva, S.; Romana, J.; Melo, J.C.; Ley, C.; Cruz, C.S 2014. Ecological restoration of Guincho–Crismina coastal sand dune. Matos Silva, J., Antunes, C.R. & Bifulco, C. (eds.) Cascais World Forum 2012 Proceedings.

Neto, A., Silva, V., Pucariço, T., Reis, P. 2014. Cascais estrutura ecológica - Relatório técnico de análise, Cascais Ambiente;

Silva, V., Neto. A 2013. Proposta de Carta de Aptidão Agrícola e Florestal para Cascais, 7o Congresso Florestal Nacional "Florestas – Conhecimento e Inovação";

Neto, A., Painho, M. 2011. C&SIG na delimitação da estrutura ecológica municipal: aplicação ao município de Cascais, ISEGI;

Neto, A., António, V. 2000. Compensação de contraste e brilho de imagens para mosaico. Boletim do Instituto Geográfico do Exército Nov. 2000.