Alexandre Ferreira Neto

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https://www.linkedin.com/pub/alexandre-neto/22/407/81a |

https://github.com/SrNetoChan |

Rua de São Domingos, 44, 2º Dt.º, 2750-127, Cascais, Portugal

WORK EXPERIENCE

03/2019 – CURRENT
GEOSPATIAL CONSULTANT – FREELANCER

Consulting, training, and coaching in geospatial projects implementation.

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

Working with several national and international clients (Cascais Municipality, Geoglobal, Socarto, Geolayer, Agresta(ES), Forest Metrics (US), ARSI (US), etc...)

01/2022 – CURRENT – Lisboa, Portugal
INVICTED LECTURER – NOVA IMS INFORMATION MANAGEMENT SCHOOL

Lecturer of **Group Project Seminar on Programming and Analysis** discipline in the international Master Degree in Geospatial Technologies

03/2016 – CURRENT
TRAINER AND GEOSPACIAL CONSULTANT – NATURALGIS

Training: Cartografia e Dataviz com QGIS; Bases de dados Geográficas com QGIS e PostGIS; Introdução à programação em Python para QGIS, PostGIS e QGIS na preparação para homologação de bases de dados RECART

Geospatial analysis and spatial database management. Technical Support

geral@naturalgis.pt | www.naturalgis.pt | Portugal

09/2018 – 09/2019
GEOSPATIAL CONSULTANT – INFORGEO, SISTEMAS DE INFORMAÇÃO GEOGRÁFICA, LDA

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

Lisboa, Portugal

04/2016 – 03/2019
DOCUMENTATION AND QUALITY ASSURANCE LEAD – BOUNDLESS SPATIAL

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.

United States

01/2015 – 03/2016

GIS EXPERT – DIRECTORATE-GENERAL OF THE MARITIME NATURAL RESOURCES, SAFETY AND SERVICES

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

Portugal

10/2008 – 01/2015
GIS EXPERT - CARTOGRAPHER – CASCAIS AMBIENTE

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

Alcabideche, Portugal

10/2001 – 09/2008
GIS TECHNICIAN – TURINTA, TURISMO INTERNACIONAL, LDA.

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

Cascais, Portugal

10/2000 – 09/2001
SALES TECHNICIAN – INFORGEO, SISTEMAS DE INFORMAÇÃO GEOGRÁFICA, LDA

Satellite imagery sales; Digitalization quality control.

Lisboa, Portugal

03/2000 – 09/2000
TRAINEE – INSTITUTO GEOGRÁFICO DO EXÉRCITO (IGEOE) - REMOTE SENSING DEPARTMENT

Satellite imagery processing.

Lisboa, Portugal

EDUCATION AND TRAINING

10/2014 – 11/2014
PEDAGOGICAL TRAINING COURSE FOR TRAINERS (90H) – Academia APAMM

CCP n.º F630328/2015

2007 – 2011 – Lisbon, Portugal
MASTER DEGREE IN SCIENCE AND GEOGRAPHIC INFORMATION SYSTEMS – School of Statistics and Information Management of the New University of Lisbon

Geographic Information Sciences, Spatial Analysis, Data Mining, Spatial Databases, Remote Sensing.
EQF level 7

1995 – 2000 – Lisbon, Portugal
DEGREE IN SURVEY ENGINEERING (300 ECTS) – Faculty of Sciences the University of Lisbon

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

EQF level 6

LANGUAGE SKILLS

Mother tongue(s):   **PORTUGUESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
INGLÊS	C2	C2	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

PUBLICATIONS

Publications

Neto, A. 2014. SIG Open source na gestão ambiental municipal. 1ª Conferência Nacional de Geodecisão.
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 contrate e brilho de imagens para mosaico. Boletim do Instituto Geográfico do Exército Nov. 2000.

NETWORKS AND MEMBERSHIPS

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

PROJECTS

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", "GISon3dMap" e "qgis2carttop"

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Communicative, helpful and with a high teamwork capability.

JOB-RELATED SKILLS

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.