

# GRAEME HERBERT

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**I have almost 20 years experience of working with Geographic Information Systems (GIS) for telecommunications, gas, electricity and cadastral projects. My experience includes project management, system implementation, application analysis and development, training and technical support. I have worked on large scale projects for network design and for the capture of as-built networks imported from other data formats. The majority of my experience has been with Smallworld GIS, but I have also worked with other GIS systems.**

## TECHNICAL EXPERIENCE

Programming environments	Smallworld Magik, Visual Basic, Vision Geographic Macro Language, Prolog++, HTML
Operating systems	Unix, DOS, Windows N.T., 98, 2000, XP, Vista, Mac OS X.
GIS software	GE Smallworld (including PNI and LNI), Vision*, Laser Scan

## PROFESSIONAL HISTORY

2001 - 2011	<b>Independent GIS Consultant</b>  I have worked on several major projects; for Telefónica Manquehue in Chile, Deutsche Telekom and Callahan Associates in Germany, Telmex in Mexico, Red Electrica and ONO in Spain, and product development for GE in the United Kingdom. Projects involved the provision of application development and project support services.
1999 - 2001	<b>Regional GIS Manager – CH2M HILL Parque Empresarial de San Fernando, San Fernando de Henares, Madrid, Spain</b>  My work consisted of the delivery of new projects for clients in the telecommunications sector, as well as providing support for projects already in progress. I worked on projects for clients such as Global Crossing,

	<p>Lucent, and KNRW. In the case of Global Crossing I had responsibility from the beginning of the project for implementation of a Pan-European GIS database.</p>
1998-1999	<p><b>GIS Consultant - NIPSA Avda Brasil 6, Madrid, Spain</b></p> <p>Consultant in CH2M HILL. I was working on support for the design process in the cable television project implemented for ONO. I was responsible for the maintenance of the GIS installation (Smallworld/ Model.It), database administration and applications development to improve design performance.</p>
1997-1998	<p><b>GIS Consultant - CIMSA IG AIE, Paseo La Habana 26-2, Madrid, Spain</b></p> <p>I worked on the LOC project for the National Land Agency of Indonesia. My work consisted of applications development and technical support for the project implementation in Indonesia. The GIS system used was Smallworld.</p>
1996-1997	<p><b>Head of Technical Support for Europe and Middle East Region - SHL Vision Solutions, Camberley, United Kingdom.</b></p> <p>My work consisted of managing the resolution of problems and client queries concerning the GIS software marketed by the company. I was also involved in advising on configuration and installation issues with the system. Other responsibilities included preparation and edition of technical support material for the company Internet site.</p>
1994-95	<p><b>Lecturer in Artificial Intelligence and Geographic Information Systems - Xian Statistical College, Xian, China.</b></p> <p>As a lecturer in China I prepared and delivered courses on GIS and Artificial Intelligence and Expert Systems. The courses were delivered at undergraduate and postgraduate level.</p>
1992-94	<p><b>Applications development and technical support for</b></p>

	<p><b>Smallworld GIS users. - Smallworld Systems, Cambridge, United Kingdom</b></p> <p>My main task was on-site technical support for clients, and customisation of the software according to user requirements. Most clients were major utility companies such as SOUTHERN ELECTRICITY, SEVERN-TRENT WATER, GAS NATURAL, amongst others.</p>
1990-92	<p><b>Research Assistant on a project concerning the application of Artificial Intelligence techniques to GIS - Birkbeck College, London University.</b></p> <p>The project involved research on the automation of generalization and editing functionality for digital maps. In addition to software development, I wrote papers for scientific publication and presented research results at professional conferences.</p>
1981-88	<p><b>Administrator – Local government in London</b></p>

## EDUCATION

1977-81	<p><b>BA Honours Degree in Social Administration - Portsmouth University, United Kingdom.</b></p>
1988-89	<p><b>Post Graduate Diploma in Computing and Artificial Intelligence – South Bank University, London, United Kingdom.</b></p> <p>The course included: Programming and Software Development using PROLOG, LISP y POP-11, Information Systems, Expert Systems and Artificial Intelligence.</p>