

Curriculum Vitae

Robert Stapleton

BSc(Hons) DMS CGeog(GIS) FRGS

GIS Project Manager

GIS Solution Architect

GIS Data Manager

Contact Details

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FULL NAME **ROBERT STAPLETON**
 Profession: GIS Project Manager/Solution Architect/Data Manager
 Experience: 17 years
 Date of Birth: 23 January 1966
 Nationality: British/Irish/Israeli

OVERVIEW

Rob is a focused GIS professional with extensive experience managing GIS projects, and designing systems and business processes to realise the benefits of Geographical Information within the Public Sector. Primary skills are PRINCE 2 project management, ESRI ArcGIS technology, GIS business analysis, data management using ArcSDE, SQL Server and MS-Access, and desktop development using VB/VBA and ArcObjects. Rob is a Chartered Geographer (GIS) and a Fellow of the Royal Geographical Society.

EMPLOYMENT HISTORY

July 2009 – Present

Spatial Consultants Ltd

Senior GIS Consultant supporting Public Sector and Energy projects.

- GIS Project Management
- GIS Business Analysis, Application Development, Data Analysis and Migration

Oct 2003 – July 2009

Carlisle City Council, Cumbria, UK

GIS Manager - Corporate GIS and Land and Property Gazetteer

- Data audit and business analysis of the organisation as preparation for business case formation and recommendations for redesign of business processes to integrate GIS/LLPG into working practices. Including: interviews with stakeholders, managers and users; analysis of data and map holdings; and documenting work processes across departments
- Creation and driving through the formal business case for an enterprise GIS & Local Land & Property Gazetteer (LLPG)
- Forming and managing a central GIS/LLPG Team, including overseeing work of thirty-one GI technicians across the enterprise. Management of service performance indicators and Service Level Agreements.
- Procurement and implementation of the Council's first enterprise GIS based on ESRI ArcGIS Technology – ArcEditor, ArcView, ArcSDE, ArcIMS
- Initiation and management of data capture projects to transfer paper-based geographic information into the GIS
- Design of spatial databases in SQL Server/MS-Access/ArcSDE. Cleansing and transfer of data into GIS from other business systems or linking to external attribute databases. Tools included: using ArcGIS Models, SQL scripts, XML connectors, ODBC or other available tools
- Training and support of users in GIS and ESRI based systems
- Creation of a corporate Local Land & Property Gazetteer (LLPG) for inclusion in the National Land and Property Gazetteer
- Migration of the LLPG to BS7666:2006 and integration of Council Tax, Non-Domestic Rates, Electoral Registration Gazetteers into the master gazetteer
- Provision of GIS support to Emergency Planning including major participation in the Carlisle Floods emergency in January 2003
- Liaison with Ordnance Survey and other major data suppliers on behalf of the business in the role of Mapping Services Agreement Authority Liaison Officer (ALO)

Oct 2002 – Oct 2003

Allerdale & Copeland Borough Councils, Cumbria, UK

GIS Officer (Joint GIS Officer for two West Cumbria Local Authorities)

- Project Management - Creation of BS7666 Local Land & Property Gazetteers
- Project Management - Implementation MapInfo corporate GIS across Copeland Borough Council
- Responsible for overall management of Allerdale & Copeland Geographic Information
- Ordnance Survey Liaison Officer
- GIS Development using MapInfo MapBasic & Visual Basic
- Training and support of GIS Users

Jul 2002 – Aug 2002

Horsham District Council, West Sussex, UK

Contract GIS Analyst/Programmer

Development of a system to capture street address details to BS7666 Standard, including:

- Application Development of Sicad GIS products using Visual Basic 6 and ADO
- Database Design and Administration using Oracle
- Data handling of Ordnance Survey map products and customer datasets in Oracle

Oct 2000 – Mar 2002

Studying in Israel - see Education Section

May 2001 – Jun 2001

Sicad Geomatics, Munich, Germany

Contract GIS Analyst/Programmer

Development of a demonstration GIS for a prospective UK Government client, including:

- Application Development of Sicad GIS products using Visual Basic 6
- Database Design and Administration using Oracle
- Customisation and Configuration of Sicad-Internet Map Server
- Data handling of Ordnance Survey map products and customer datasets in Oracle
- Writing of System Specification and other documentation

Apr 1999 – Oct 2000

Siemens Business Services, Horsham, UK

GIS Analyst/Programmer

Development & Administration of Land Terrier, Address Database (BS7666), Planning Systems and Intranet Map Server Applications for Horsham District Council, including:

- Application Development of Sicad GIS products using Visual Basic 6
- Database Design and Administration using Oracle and SQL Server
- Customisation of Sicad-Internet Map Server using HTML, Perl and Javascript
- Data handling of Ordnance Survey map products and customer datasets in Oracle using ADO, SQL and ODBC
- Identification of user needs and writing of Specifications

Jul 1997 - Mar 1999

Retail Answers, Urban Science International, Denver Water

GIS Consultant and Systems Developer – UK and USA

Development and of Land Information, Market Analysis, and Water Resources Systems:

- Application Development of Arc/Info 7, Arcview 3.1, and MapObjects LT using AML, Avenue, and Visual Basic.

EDUCATIONAL QUALIFICATIONS

- Sept 2007 - Nov 2008** **University of Cumbria, Carlisle, United Kingdom**
 Postgraduate Diploma in Management Studies
- July 2001 - Feb 2002** **Ulpan Me'ir, Tel Aviv, Israel**
 Hebrew Language School
- Oct 2000 - May 2001** **The WUJS Institute, Arad, Israel**
 Graduate Program in Hebrew, Jewish & Israeli Studies
- Sept 1994 - June 1997** **Kingston University, United Kingdom**
 BSc (Hons) Geographical Information Systems - First Class Honours

PROFESSIONAL ASSOCIATIONS

- Chartered Geographer (GIS)
- Fellow of the Royal Geographical Society

PROFESSIONAL COURSES

- ESRI(UK):** Introduction to Arc/Info and AML (Oct 1991)
 Programming with Avenue for ArcView 3.1 (Feb 1998)
 Introduction to ArcGIS – Part 1 (Aug 2004)
 Handling OS Data in ArcGIS (Aug 2004)
 ArcSDE Administration for SQL Server (Feb 2005)
 Introduction to ArcIMS (April 2005)
 Introduction to ArcGIS 2 (Sept 2005)
 Building Geodatabases (Oct 2005)
 ArcIMS Administration (June 2006)
 Introduction to Programming ArcObjects with VB (Aug 2007)
 Introduction to ArcGIS Server 9.3 (April 2009)
 ArcGIS Server: Web Administration using .NET (May 2009)
- Xpertise Ltd:** PRINCE 2 Project Management - Foundation Level (March 2004)
- Microsoft Certified:** Microsoft Windows 2000 Network & Operating System Essentials (June 2004)
 Administering a Microsoft SQL Server 2000 Database (July 2004)
- Intelligent Addressing:** Local Land & Property Gazetteer Custodians Training (May 2003)
- GDC Ltd, London:** MapInfo Professional 7 Introductory (Dec 2002)
 MapInfo Professional 7 Intermediate (Jan 2003)
 MapInfo Professional 7 Advanced (Jan 2003)
 MapBasic 7 (Jan 2003)
- Learning Tree:** Visual Basic 6 (Sept 1998)

TECHNICAL EXPERIENCE

GIS Software:	ESRI – ArcGIS 9.x, ArcGIS Server, ArcSDE, ArcIMS, Arc/Info Rev 6.0/7.0, ArcView 3.2 MapInfo - MapInfo Professional 7, MapInfo BS7666 Toolkit Sicad - Sicad/Open 6.1, Sicad Geographical Data Server, Sicad-Internet Map Server Open Source – gvSIG, QuantumGIS
Programming:	Microsoft Visual Basic 6.0, Microsoft Visual Basic for Applications MapInfo MapBasic 7 Sicad Procedural Language 3.1 (for Sicad/Open GIS Avenue 3.2 (for Arcview 3.2 GIS) SQL
Database Admin:	SQL Server 2000, Oracle 8.0
Office Software:	MS-Access, MS-Word, MS-Excel, MS-PowerPoint, MS-FrontPage, MS-Visio, MS-Outlook, OpenOffice
Operating Systems:	Microsoft Windows, Ubuntu Linux

OTHER DETAILS

Police & Military Service:	Special Constable, Hampshire Constabulary (1991 – 1994) Territorial Army (1983 – 1986)
Driver's Licence:	Full UK Drivers Licence – Cars & Motorcycles
Languages:	English Mother Tongue, Hebrew

REFERENCES

Available on request