

Software Engineering

Expertise Software development experience using languages such as C/C++, C#, VB.NET and technologies such as MFC, OpenGL, SQL Server and ASP.NET on a Windows platform

Education B.A. (Physics), 2.1, 1986, Oxford University, UK

Honors & Awards Awarded an Exhibition to read Physics at New College, Oxford, 1982

Professional Experience

2007 - Present *Applied Seismology Consultants, Shrewsbury, UK*
Software Engineer

2003-2007 *OmegaIP Ltd, Oswestry, UK*
Senior Software Developer

2000 -2001 *Aeco Ltd, Welshpool, UK*
Software Engineer

1999-2000 *AAH plc, Coventry, UK*
Analyst/Programmer

1986-1998 *GEC Electrical Projects Ltd, Rugby, UK*
Software Engineer

Project Experience

Development: Extensive work on enhancing the InSite software, an integrated tool for microseismic acquisition, processing, data management and visualization. Developed a new 3D microseismic event location visualizer that uses OpenGL. Also developed InSiteDB, a new database tool for remotely networking InSite users and sharing microseismic results.

In previous employment roles, developed a web front-end using ASP.NET for managing data held in an SQL Server database; worked on an IP telephony-based system using VB.NET/C#, OpenH323, ATL/COM; developed multi-threaded PC-based applications using OS/2, Win32 API, DOS, C/C++ in retail, engineering and automation environments; worked on embedded software using the Intel language PL/M and performed network programming using TCP/IP sockets to communicate with PLCs.