

28/08/2014

PERSONAL DETAILS

Address: 38 The Grange, High Street, Abbots Langley, Herts, WD5 0EL

Telephone Home: 01923 266 138

Telephone Mobile: 07981 873 647

Personal Email: Derek.Peacock@Yahoo.com

Websites: <http://www.valeriansoftware.com>, <http://www.valerianweb.com/development>

KEY SKILLS

- ❖ 40 years' experience of coding in C#, VB.NET, Java, Delphi, Pascal, C++, COBOL, BASIC, FORTRAN, PL1, Z80 Assembler, dBase IV.
- ❖ 30 years' experience of database design and development using SQL Server (2005, 2008 2012, 2014), MS Access and INGRES.
- ❖ 12 years' experience of using ASP.NET (1.0-4.5), Web Forms, MVC (v2-5), Entity Framework, Web API, LINQ, TDD, HTML5, CC3 (and responsive css frameworks), JavaScript, jQuery, Visual Studio (all version to 2015), XNA Games Studio, DirectX, Perforce, SVN, Git
- ❖ Development and deployment of Web Sites using Dreamweaver up to CS3.
- ❖ Building and repairing of PCs, installation and configuration of systems software and applications. Setting up and configuring peer-to-peer and client server networks.
- ❖ Creating a variety of designs, documents, plans and models using Visual Paradigm, Rational Rose, Together, VBA, Office 2013, Excel, Word, PowerPoint, Outlook, MS Project, MS Publisher, Visio, 3D Studio Max..

Part-time Lecturer in Computing | Oaklands College, NHC

2014 to present

At Oaklands Delivering Extended National Diploma in IT software development units, and Web Development unit as part of an HNC at NHC

Part-time Lecturer in Computing | Leicester College

2009 to 2014

Delivering ASP.NET MVC4, Web Forms, C# and VB modules which are part of De Montfort University HND in Computing, Visual Web Development, Object-Oriented Programming and Software Development Project..

Managing Director | Valerian Software Ltd

April 2010 to 2013

My primary role was leading the software development team and developing an ASP.NET 4.0 web site using MVC3, Razor Views, C#, HTML5, CSS3, SQL Server 2012, Entity Framework, Web API, JavaScript. Ajax and jQuery. I have designed, implemented (using



the code first approach), maintained and replicated the SQL Server database on external web servers. I have also made extensive use of online project management web sites such as www.centraldesktop.com to allocate and track task completion.

I established my own software development business in conjunction with a number of MSc-students as interns. I have managed the setting up of a client/server network based on VMware ESXi 4.0 Hypervisor running a number of Virtual Servers including a PDC Server, a Subversion Server, a Web Server, and an SQL Database Server.



Lecturer in Computing | Stephenson College

1990 to June 2011

During my time at Stephenson College I have taught thousands of students' software development up to Degree level, and also developed software for administration. In the process I have learnt and used the following development tools and methodologies

- 3 Years: Developing a College wide web based Qualification Tracking System using ASP.NET 4.0 Web Forms, VB, and SQL Server 2008. Used by both staff and students
- 12 Years: UML Analysis & Design using a variety of applications including Rational Rose, Together and Visual Paradigm.
- 3 Years: 2D Games Development using Visual Studio 2008 & Microsoft's XNA Game Studio 3.1 with C#
- 4 Years: Mobile Phone 2D Games Development using Java 6 and the NetBeans IDE 6.8
- 10 Years: teaching Project Management, Object-Oriented Programming, Quality Assurance, and Software Engineering in partnership with Sunderland University.
- A recent National Student Survey showed that on average 95% of my students rated the course I taught positively compared to the National average of 75%
- Establishing partnership arrangements with De Montfort University, Sunderland University and Derby University
- 4 Years: teaching 3D Graphics and Animation using 3D Studio Max.
- 30 Years: teaching relational database design.

Earlier Posts | Leicester University, Durham University, Sussex University, London University

I completed other teaching and research posts and that included research into developing new computer algorithms to reconstruct evolutionary history. I have 23 publications in total with 8 in the field of computing

EDUCATION & QUALIFICATIONS

University of Nottingham Trent

Post Graduate Certificate of Higher Education, 1st Class

University of Leicester

Certificate in Counseling Studies

University of Durham

PhD in Plant Biochemistry

University of Liverpool

BSc (Hons) Botany 2.1 which included modules in chemistry, biochemistry genetics, microbiology and plant physiology.

PERSONAL INTERESTS

Tennis, singing, music, wine and good food, natural history.



REFEREES

<p>Rachel Hall Programme Area Manager for Computing Department of Computing and Business Leicester College, St Margaret's Campus LEICESTER LE1 3WL</p> <p>rhall@leicestercollege.ac.uk Tel: 0116 2242240</p>	<p>Paresh Patel Advanced Practitioner – Computing Leicester College – St Margaret's Campus St John Street, LEICESTER LE1 3WL</p> <p>ppatel@leicestercollege.ac.uk Tel: 0116 2295620</p>
<p>Colin Chappell Lecturer in Computing, Stephenson College, Thornborough Road, COALVILLE, Leicestershire LE67 3TN</p> <p>Modofacchappell@gmail.com Tel:07766756500</p>	<p>Nick Ashford Web Developer, North Supply Ltd, Chartwell Point, Chartwell Drive, Wigston, LEICESTER, LE18 2FT</p> <p>n.ashford@northsupply.com Tel: 0116 2571020</p>
<p>Wayne Saunders Front-end Designer & Developer PDC Internet Solutions MARKET BOSWORTH Leicestershire, CV13 0LJ</p> <p>wayne_saunders@hotmail.com</p>	