

NIGEL WILLIAMS M.A., M.B.C.S.

Profile

A recognised Multimedia Professional who applies more than 20 years FMCG/Blue Chip experience, coupled with proven technical design skills, to the development and delivery of bespoke applications that are aligned to business objectives and strategy. Seasoned commercial awareness assists successful communication skills in translating, defining and relaying business needs from key stakeholders to the end design. Experience of working both internally, and from a supplier direction, always employing customer focused code to support a full sales process from pre-sales to bid support and presentation.

Key skills

- Adobe Flash (ActionScript) programming
- full project lifecycle from user case, scope analysis, functional specification, concept and design, development, implementation, QA, documentation and training
- content research
- software architecture design
- bid/proposal support including task breakdown, budgetary and timescale considerations
- client support
- documentation authoring for training and marketing
- photography
- one-to-one and small group training

Key achievements

- design, development and implementation support of a Document Management and Distribution System for PepsiCo HR
- development of synchronised "video-event" tool; first used for PowerPoint/video show for Waitrose/John-Lewis-Partnership annual results presentation
- design and development of a "self-build" (no programming) Interactive Program, utilising many different asset types and operated using only Windows Explorer
- worked on a complex online application for schools, including a learning management system with a library of programmable educational "tasks"; results, marking & record-keeping systems; resource management system; teacher-student communications; and a full suite of administrative tools
- created a "production-line" system for delivering experiential training using virtual-reality panoramic photography without programming skills
- developed a content-independent program library and delivery engine for Discoverware, a leading Microsoft-approved supplier of software-training programs (still in use 8 years after initial development)
- created a panoramic tour of the Hibernia oil platform – 200 miles off the Canadian Atlantic coast
- conducted a study into the use of 3D software and CNC milling machines in automotive conceptual design, resulting in developing and teaching a 3-day course for automotive designers

Personal Attributes Summary

- immense experience
- great ideas person – imaginative, thoughtful and thorough
- left-brain/right-brain intermediary
- strong interpersonal skills
- refined communication skills
- sensitivity
- very patient!!
- strong analytical and problem-solving skills
- thorough attention to detail
- well-balanced view of commercial goals, and the business case for any project

- highly organised, with accurate record-keeping, careful scheduling & planning, and consistent standards
- able to work on own initiative without supervision of any kind - very experienced in problem-solving and direction-finding without close assistance
- experience of many different team situations – small to large
- very flexible with regard to working situations – experience of many different environments
- accustomed to working with dramatically varying workloads
- people manager – recruiting, mentoring, coaching, mediating

Qualifications

Master of Arts degree in Computer Visualisation and Animation.

Professional Member of the British Computer Society (specialist group: Computer Arts Society).

Employment History (latest first)

Orlogik Studio/Orlogik Books

OWNER – 2010-present

Freelance multimedia development and programming for desktop and web; developed a range of tools to exploit the use of video cue-points for the synchronisation of video events with other interactive devices - used for Waitrose/JLP annual results announcement events. Developed generic "production-line" document display system for Construction Industry Training Board. Photography; book authoring, design and publishing; sculpture.

Documentary Video Associates (DVA)

SENIOR MULTI-MEDIA DEVELOPER - 2004-2009

Achievements

- developed an online document management and distribution system for PepsiCo, using Flash, SWF Studio and FTP
- created a "production-line" using Adobe Flash and XML for the rapid production of dual-purpose web-site/CD-ROMs; developed enhancements including proofing tool, on-line updater, content & structure customiser, etc;
- developed a Virtual Reality Viewing System with rapid production tools, suitable for web and CD-ROM, using Flash
- created many interactive applications for training, sales and marketing

Other responsibilities

- interfacing with clients; proposal development; supporting company principals; coaching and mentoring other staff

Clients

Orange, PepsiCo, Stannah, Quantel, Yale, Capita, CfBT

Technologies

Flash (ActionScript), XML, JavaScript, HTML, Photoshop

XRX Intelligent Systems

SENIOR DEVELOPER - 2002-2004

Achievements

designed and programmed sophisticated online managed learning environment for education, including educational tasks, results recording, communications and asset distribution facilities

Other responsibilities

database design; supporting educational users; coaching and mentoring other staff; supporting company principals

Technologies

Flash (ActionScript), ASP (VBSCRIPT), Microsoft SQL Server, JavaScript, HTML

DiscoverWare

SENIOR MULTI-MEDIA DEVELOPER - 2002

Achievements

- developed a "content-independent" training material delivery engine, completely independent of the content material, retrieving definitions of its content at run-time, and delivering independently-created conceptual and exercise modules
- developed a comprehensive library of pre-programmed "behaviours" for content producers to automate the production of standardised interactions and animations

Other responsibilities

coaching and mentoring content producers using the engine, including implementing training courses

Technologies

Flash (ActionScript), XML

Virtual Training Solutions

VICE-PRESIDENT OF DEVELOPMENT - 2001-2002

Achievements

- created a formula for rapidly developing highly-interactive training programs based on Virtual Reality environments
- developed methods for presenting VR-style scenarios on the web with reduced requirements for downloads and browser plug-ins
- created "Internet 3D Seismic Viewing Program" for the oil industry, employing real-time 3D rendering

Other responsibilities

carrying out all company photography; interfacing with clients; writing complex proposals; as a partner, contributing extensively to decisions on business and technical direction

Technologies

Director 8.5, Apple Quicktime VR, HTML

Mosaic Studios

SENIOR MULTI-MEDIA DEVELOPER - 1999-2001

Achievements

- created many CD-ROM programs and web-sites
- developed a complex "shell" program for the client to create their own CD-ROM applications without a requirement for in-house programming
- undertook a number of VR projects, including an extensive tour of the Hibernia oil-platform in the Atlantic Ocean ("largest VR object in the world"!) and re-engineering QuickTime VR extensions for the web
- created a unique VR environment for a publishing client using 3D animation, Photoshop filters & Quicktime
- carried out extensive photography assignments, in the field and in the studio

Other responsibilities

interfacing with clients; writing proposals; project management; content research; audio and video recording, editing and processing; hardware and software management; supporting the company president; coaching and mentoring other staff

Clients

Waterous & Co, Agricore, Nova Chemicals

Technologies

Director, Quicktime, LiveStage, Flash, Photoshop, HTML, Dreamweaver, Final Cut Pro

Eclipse Creative

SENIOR MULTI-MEDIA DEVELOPER - 1997-1999

Achievements

- created many CD-ROM programs and web-sites
- collaborated in the production of a TV documentary about the British film-maker Peter Greenaway
- developed techniques using Director (Lingo) to extend Apple QuickTime Virtual Reality, and began to specialise in VR photography and development; created user interface designs employing QuickTime VR Object techniques, providing fast access to large information programs

Other responsibilities

interfacing with clients; writing proposals; project management; content research; 3D animation; audio and video recording, editing and processing; coaching and mentoring other staff

Clients

Johnson & Johnson, Price Waterhouse Coopers, Glaxo SmithKline, Arthur D Little

Technologies

Director, Quicktime, HTML, Dreamweaver, Media 100

Temple Millar Multimedia

SENIOR MULTI-MEDIA DEVELOPER & STUDIO MANAGER - 1992-1997

Achievements

- developed many CD-I and CD-ROM programs
- created 3D animation to support CD-ROM content
- developed a large library of tools and data management systems for the production of multimedia programs for CD-I and CD-ROM

Other responsibilities

management of the multimedia studio; interfacing with clients; writing proposals; project management; hardware and software management; audio and video recording, editing and processing; managing and mentoring other staff; supporting the company principals

Clients

BMG, Sony, Seagram, Time Television

Technologies

Director, Philips CD-I, MPEG, Lightwave, Unix Shell

Bournemouth University

MASTER OF ARTS DEGREE in COMPUTER VISUALISATION AND ANIMATION - 1990-1991

International Automotive Design

C.A.D. SYSTEMS MANAGER - 1985-1990

Achievements

- managed extensive Computer-Aided Design installation, including many different computer systems with specialised hardware and equipment; including recruiting, training and managing a department of thirteen people
- developed substantial program suites for administrative control of engineering data, together with interface programs for data exchange between CAD systems
- instigated and managed a project to investigate the suitability of 3D modelling and animation systems in conceptual automotive design

[Summary] - 1974-1985

Technical Computer Support and testing for several large corporations including Barclays Bank, Grand Metropolitan, ITT and Lloyds of London

Interests

Photography; music; modern art and sculpture; architecture; travel; science-fiction; transport; hiking; books (personal library of 3-4,000).

More Information

More detailed information, including a portfolio of multimedia work and photography, can be found in my on-line biography, which is situated at <http://www.orlogikstudio.com/NigelWilliams>

Published books can be found at <http://www.orlogikbooks.com>

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