

Curriculum vitae

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Introduction

Over 10 years of international commercial automation experience with global organisations; including Lehman Brothers, Siemens, New Zealand Lotteries Commission, PlanIT (Sydney), Dunhumby, Zurich Insurance, Unisys and iPSL.

I am seeking an opportunity to become part of a professional team, engaged in a technically challenging area of the ALM (Application Lifecycle Management).

Following a wide-ranging experience in testing, my main specialism is in test automation - particularly in respect of functional test tools (Microsoft CodedUI (Visual Studio 2010 Test Professional), Ranorex & HP/Mercury (WinRunner/QuickTestPro)), performance test tools (LoadRunner) and test management tools (Microsoft Test Manager & Quality Center/TestDirector).

However, I am keen to broaden my knowledge and build on my existing skills and experience to date. My extensive technical knowledge encompasses a diverse range of products and technologies including:

Skills Matrix

Product/Technology	Version(s)	1	2	3	4	5	Knowledge/Experience
LoadRunner	7.51/7.6/8.0/9.1/9.5/9.52				✓		1 = Basic (1 year)
QuickTest Professional	5.02/6.5/8.2/9.1/9.5/10/11					✓	2 = Working (2 years)
Visual Studio Test Professional	2010 (Beta/RC/RTM)				✓		3 = Intermediate (3 years)
WinRunner	7.01/7.5/7.6/8.0/8.2/9.2					✓	4 = Advanced (4 years)
Ranorex Studio	2.3.3/2.3.4/4.0(Alpha)				✓		5 = Expert (5 years+)
Quality Center Server (Admin)	8.0/8.2/9.0/9.2/10.0/11.0					✓	
TestDirector Server (Admin)	5.01/6.0/7.01/7.2/7.6/8.0					✓	
Sitescope	7.6/8.0/9.0/9.53/10.0				✓		
StarTeam Server (Admin)	6.x/2008					✓	
StarTeam	6.x/2008				✓		
Team Foundation Server	2010 (Beta/RC/RTM)			✓			
MS SQL Server	6.5/7.x/2000/2005/2008				✓		
Oracle PL/SQL	9i/10g	✓					
DB2	8.2/9.1/9.2/9.5/9.7		✓				
MS Access	97/2000/2003/2007/2010			✓			
Windows NT	4.0/2000/2003/2008(R2)				✓		
Windows O/S	3.1/95/98/ME/XP/VISTA/7					✓	
Linux	2.2.0/2.4.0/2.6.28			✓			
Unix	2.6.9-42/5.0i/6.5.8		✓				
VMWare (Fusion/Work/Server)	2.0.4(Fusion)/6.5.2/2.0.1			✓			
Windows Scripting Host (WSH)	All Windows Platforms					✓	
Visual Basic Script	5.0/5.5/5.6				✓		
Visual Studio (C#/C++)	6.0/2003/2005/2008/2010			✓			
Visual Studio (Coded UI)	2010 (Beta/RC/RTM)			✓			
.NET Framework Silverlight	1/1.1/2/3/3.5/4 2/3		✓				
XML/XHTML HTML	1.0/1.1 3.2/4.01/5				✓		
WebServices SOAP WSDL	1.1/1.2 1.1/2.0				✓		
Java JavaScript JSON/JRMP	1.1/2.0 1.8.1/1.9.3			✓			
Flex (Flex/FlashBuilder)	2.0.1/3.0.2/4.0.x(b1 & b2)			✓			
Control-M	6.2/6.3			✓			
Communication (Protocols)	IP v4/6, SIP, H323, H450, G723, G721, RTP, RTSP, PPP, SLIP, LDAP, TCP, QoS			✓			
SAP	ECC6/XI3/PI7/CRM7/GUI7.2		✓				
Office/Project/Viso	95/97/2K/XP/2K3/2K7/2010					✓	

Professional Engagement Summary

<p>Dunnhumby Ltd Aurora House, 71 - 75 Uxbridge Road, London, W5 5SL, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: Microsoft Windows Azure, SQL & AppFabric (Cloud), Visual Studio 2010 Premium, CodedUI, Ranorex, C# .NET, NET Framework 4.0, Web services, WSDL/WCF, IIS 4.0, XML/XSLT, LINQ, MSMQ, Team Foundation Server 2010 TaskBoard (Agile), Visio UML</p>	<p>Director of Testing, Architecture & Product Development (June 2010 ~ April 2011)</p> <ul style="list-style-type: none"> - Responsible for managing test automation department within the UK, US and India working: - Leadership Management Team responsible for APD (Architecture Product Development) for the entire company; - Pioneering Test Automation as a Service (TaaS) using Microsoft Azure Cloud technologies; - Introduction of the "Hybrid Keyword Data Driven Framework" approach specifically designed to support the Hybrid Cloud (Private/Public); - Service Oriented Architecture (SOA) based on Business Process Modelling to create Business Level Keywords written in natural language (domain specific languages) to create reusable, jigsaw pieces representing the Application Under Test (AUT); - Providing Advanced user acceptance and regression testing framework based on utilising Visual Studio 2010 testing automation through Microsoft Coded UI and the Ranorex test library; - The framework mapped to user stories and business processes to test artefacts; - The system allows the testing of ASPX, Adobe Flex and Adobe AIR applications producing real time test results; - The system was developed in Visual Studio C# .NET 4.0, LINQ, XSLT, ESB, WCF, ASPX, SilverLight 4.0, SOAP, Windows Services or Local Win32, MSMQ, SQL Server. - Agile methods and processes were used throughout the development (TaskBoard).
<p>PlanIT Software Testing Level 16, 201 Miller Street, North Sydney, NSW 2060, Australia</p> <p>Position: Contract</p> <p>Skills Overview: Visual Studio 2010 Ultimate, Microsoft CodedUI, Microsoft Test Manager, Microsoft Load Performance Tool, Team Foundation Server 2010.</p>	<p>Senior Technical Test Consultant (May 2010 ~ June 2010)</p> <ul style="list-style-type: none"> - Responsible for working with Microsoft to create international training course on 'Visual Studio Test Professional 2010' which included: - Test case management using Microsoft Test Manager (MTM) and test reporting; - Introducing agile testing using user stories linked to work items; - Managing shared steps, parameterization and test data generation; - Executing against pre-defined virtualised environments and machines - Using data collectors 'intelliSense' to pinpoint issues; - Test Automation and Coded UI Testing; - Web Performance and Load Testing; - Introduction into Lab Management. <p>(http://www.planit.net.au/courses/visual-studio-test-professional-2010).</p>
<p>New Zealand Lotteries Commission 117 Khyber Pass Road, Grafton, Auckland, New Zealand.</p> <p>Position: Permanent</p> <p>Skills Overview: LoadRunner, QuickTest Pro, VBS, Quality Center (Administrator), Adobe Flex, Unix, SiteScope, CMS (Sliverstripe), Resin (Restful), Java (JSON/JRMP), VMWare (Server/Workstation), Windows 7, Google Analytics, SVN, .NET Framework 4.0, IIS, Apache, JBOSS, Oracle, DB2, Postgresql, SQL Server 2005/2008.</p>	<p>Quality Assurance – Performance / Automation (Interactive) (March 2009 ~ May 2010)</p> <ul style="list-style-type: none"> - Brought in to design, develop and maintain an advanced framework based in QuickTest Pro which utilised a Hybrid Keyword Data Driven Automation Framework methodology. - Built using Descriptive Programming & regular expression logic to create dynamic object repositories for rigorous, robust, maintainable and highly repeatable testing of Web 2.0 content (Flex 2.0.1 3.0.2 4.0.x beta 1 & 2) technologies. - Extensive Performance and Stress Testing using LoadRunner 9.52 including the creation of Detailed Script Definitions (DSD), Load Test Scripting, Execution of Load Tests, Results Analysis & Risk Evaluation in preparation for the biggest guaranteed Lotto Jackpot in NZ history \$36.1m. - Detailed backend monitoring through SiteScope 10.0 in a UNIX environment providing real-time stats for IBM X Series including the DB (DB2 9.7) web/application servers (JBoss 4.2.x). - Introduction of BPT technologies introduced through Quality Center 10.0 combined with QuickTest Pro 10.0 to provide additional real time reporting via Dashboard, version control and a completely integrated Keyword Driven Framework built directly into Quality Center (shared VBS code libraries, functional/load test scripts and master driver files). - Creation process documentation for Quality Center, LoadRunner & QuickTest. - Primary Administrator for the companies Quality Center server. Responsible for all project customisation, site administration and the daily backup & restore via NetBackup. - Distributed execution through virtualisation technologies using VMWare to provide multiple simultaneous distributed platforms for extensive regression testing deployment. - Responsible for the delivery of both the Enhanced Draw Experience / Bullseye projects the biggest change to the interactive platform www.mylotto.co.nz (30,000+ hits per day).

<p>Lehman Brothers 25 Bank Street, Canary Wharf, London, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: QuickTest Pro, WinRunner, Quality Center, JIRA, Web services, WSDL/WCF, SOAP, .NET Framework 3.0/3.5, VBS, C#.Net., LINQ, XML/XSD, XMLSpy, Visio UML, SVN, IIS, Oracle, SQL Server 2005.</p>	<p>Automation Tool Framework Architect (March 2008 ~ December 2008)</p> <ul style="list-style-type: none"> - Responsible for developing production level WinRunner & QuickTest Pro using Hybrid Keyword Data Driven Automation Framework to migrate loans on to a mortgage platform (Summit) which required enterprise level reliability achieved through advanced error handling and parameter verification against a Common Data Model (CDM). - Liaising with business and systems analysts to establish comprehensive requirements definition directly into Quality Center including business process modelling (BPM). - Creation of non-standard WSDL/SOAP connectivity using the secure WebServices technologies to process and request SOAP messages in XML followed by importing the data structure into a readable format. - Supporting the full mortgage lifecycle including transaction processing and advanced real-time reporting through Funnel Visualization techniques. - Generation of generic tool frameworks to process complex data models and lookups to verify data entry and generation via the TE Loader. - Working directly with the Lehman development department to support both Agile & test driven software development lifecycle methodologies to achieve time boxed goals. - Raising production/UAT faults in JIRA and working with development to resolve them. - Providing advanced training for Quality Centre, QuickTest Pro & WinRunner for both the Mortgage Capital Division(MCD) & fixed income.
<p>Intelligent Processing Solutions Limited (IPSL) 100 Pavilion Drive, Brackmills, Northampton, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, QuickTest Pro, Quality Center (Administrator), StarTeam, VBS, Control-M, SOAP, NetBackup, .NET Framework 3.0, SiteScope, SQL Server 2000.</p>	<p>Automation Tool Architect (July 2005 ~ March 2008)</p> <ul style="list-style-type: none"> - Providing Advanced WinRunner & QuickTest Pro solutions using Hybrid Keyword Data Driven Automation Framework. - Creation of complex VBS scripts to provide automated real time alerting of the live environment through reporting from BMC Control-M enterprise manager to the Centauri Early Warning System Dashboard in the LIVE environment. - Responsible for server management for Borland StarTeam & HP/Mercury Quality Center. - Deploying generic reusable Automation frameworks across a number of completely different technology platforms & web based technologies (e.g. SOAP/.NET) using the same framework. - Conducted evaluation and introduction phases for the implementation of Quality Center within the organisation (creation of the evaluation & business case documentation). - Managing the multiple bank projects (Barclays, HSBC, LTSB, HBOS) and their individual requirements for customising Quality Center databases/interfaces to provide the complete testing lifecycle solution.
<p>Unisys Corporation Tongwell Street, Fox Milne, Milton Keynes, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, TestDirector (Administrator), .NET Framework 1.1/2.0, MSAccess, Visual SourceSafe, Unix, Synergy CM, XML, XPATH, SiteScope, ASP.</p>	<p>Product Test Automation Specialist (July 2003 ~ July 2005)</p> <ul style="list-style-type: none"> - Solo responsibility for the complete Test Automation process, architecture & solutions within the Testing Authority team for the company wide approach to Test Automation. - Successfully managed the complete Automated Test Lifecycle Methodology (ATLM) for the Payment Information Engine software product line based on .NET technologies. - Extensive use of WinRunner to create a Keyword Driven Automation Framework to provide a complete comprehensive automated end to end regression solution. - Design & implementation of reusable modules supporting advanced error/object handling. - Responsible for a team of WinRunner developers (1 to 5) throughout all stages of the software development lifecycle (SDLC) process. - Responsible for the implementation of TestDirector into the business and providing users with training across sites. - Providing real-time results and reporting by linking WinRunner to TestDirector and also exporting data to Microsoft SharePoint Services using various output formats such as XML with SmartTags. - Conducting companywide functional testing tool (WinRunner) training courses.

<p>Zurich Insurance Zurich House, Stanhope Road, Portsmouth, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, LoadRunner, Web Sphere, Java, XML, TE, IBOS, IBM MQ Series, DB2, SiteScope.</p>	<p>Product Test Automation Developer (Jan 2003 ~ July 2003)</p> <ul style="list-style-type: none"> - Engaged as a freelance consultant, I was intensively involved in the development of Data Driven Automation Frameworks for Zurich's online processing of UK motor claims. - Brought in by IBM to make up the test solution team (listed on the IBM HOT contractors list). - Extensive use of WinRunner to create comprehensive regression test packs featuring claim creation and validation, payments, negative testing and end-to-end 'sanity' testing. - I designed & implemented my own adaptation of a sophisticated test engine to facilitate overnight execution by restoring & resuming the script from any point together with advanced error/popup handling. - Involved in performance load testing using LoadRunner 7.51 using the Java Vuser protocol. - Successful management & primary point of contact for both the UAT & QA environments. - Problem identification of server related faults via diagnostic tools. - Solving process/service related issues with IBM-P690 Regatta RS/6000 servers - ranging from App & Server loader/controller, Web Sphere or data connector problems with Unix ~ AIX.
<p>Blue Arrow 800 The Boulevard, Capability Green, Luton, United Kingdom.</p> <p>Position: Contract</p> <p>Skills Overview: WinRunner, LoadRunner, TestDirector (Administrator), Sitescope, Web Testing.</p>	<p>Senior Test Automation Analyst (August 2002 ~ January 2003)</p> <ul style="list-style-type: none"> - Departmental Procedures and Standards: I successfully redesigned and implemented a comprehensive range of test strategy, specifications & reporting templates. I also completely revised the best practices & standards for various test methodologies and procedures. - Development of Automated Test Scripts: I spearheaded the use of WinRunner & TestDirector and subsequently provided comprehensive departmental training for procedures. - Involved in business process Improvement & Optimisation. - Deployment of Mercury Suite (TestDirector & WinRunner) within the business including administration & customisation along with client/server license management. - Load performance testing: Use of LoadRunner to exhaustively test the recently introduced www.medacs.com and applications prior to its release to the 200+ branches within the UK.
<p>Siemens Communications Technology Drive, Beeston, Nottingham, United Kingdom.</p> <p>Position: Permanent</p> <p>Skills Overview: WinRunner, TestDirector, QuickTest Pro, Abacus, Rational Robot, SilkTest, Silverstream, SAP, IP, SIP, H323, H450, G723, G721, RTP, RTSP, PPP, SLIP, LDAP, TCP, QoS.</p>	<p>Product Test Automation Engineer (July 2000 ~ July 2002)</p> <p>Responsible for:</p> <ul style="list-style-type: none"> - Development of automated test solutions using WinRunner & TestDirector; - Implementation of Modularity Driven Automation Framework into Siemens UK. - TSL development including coding reusable modules, functions & libraries to custom bespoke case engine. - Development & testing of various Voice Over IP products: Server, gateway, client & IP phones. - Evaluating Test Automation tools including QuickTestPro, Rational Robot & SilkTest. - Installation and configuration of network resources to create test environments: e.g. primary domain controllers, remote access servers & gateways. - Creating fault reports & working as a team with other departments to correct faults. - Onsite customer problem solving and analysis. - Test Automation & Technology Watch Liaison.

Education

BSc (Hons.) Computer Systems (High Performance Computing)		Nottingham (September 1998 ~ July 2001)
1 st Year Subjects	2 nd Year Subjects	3 rd Year Subjects
Business & Professional Development Introduction to Information Systems Software Implementation 1 & 2 Computer Technology Applied Maths Data Modelling & Database Design Developing Group Interaction Skills Language Implementation & Design	Computer Architecture Computer Systems Distributed Systems Operating Systems Systems Methodologies Data Structures Real Time Signal Process International Studies Economics in Business	Artificial Intelligence 1 & 2 Image Processing Human Computer Interaction Parallel Computing Software Quality Computer Vision & Pattern Recognition Global Technology and Society Multimedia Systems Real-time System Design
Final Year Project Dissertation – ‘Automation IP Based Help Interface’ 73% (First Class)		Final 2 nd Class with Honours

GNVQ Advanced Information Technology		Rother Valley College (September 1996 - July 1998)
1 st Year Subjects	2 nd Year Subjects	
Communications and Networking Database Development (Distinction) Event Driven Programming in a WIMP Environment Information Technology Projects and Teamwork (Distinction) Information Technology Systems Microcomputer Components (Distinction) Object Oriented Programming	Operating Systems & Technical Support (Distinction) Organisations and Information Technology Procedural Program Design (Distinction) Procedural Program Production (Distinction) Software Tools System Analysis (Distinction) Using Application Software (Distinction)	

G.C.S.Es	Wickersley Secondary School (May 1996 - June 1996)
12 at grades A-C	

Courses	Certificates
Microsoft Visual Studio Test Professional 2010 - (May 2010) Enhance ALM (Anthony Borton) – Sydney, Australia Agile Software Development - (March 2010) PlanIT (Shane Parkinson) - New Zealand WinRunner - ATE (Automated Test Engine) - (May 2001) Siemens (D. Dubovsky) - Boca Raton, Florida	Certified Product Specialist (CPS) WinRunner 7.0 (Advanced – Client/Server) ISEB Foundation Certified Microsoft Certified System Engineer (MCSE)

Professional Affiliations	Conferences & Publications
<ul style="list-style-type: none"> ➤ Associate Member of the Institution of Electrical Engineers (AMIET) ➤ Member of the Institution of Analysts and Programmers (MIAP) <ul style="list-style-type: none"> ➤ Member of British Computer Society (MBCS) ➤ Member of the Specialist Interest Group in Software Testing (SIGST) 	ANZTB 2010 – Test Conference in Melbourne, Australia “Hybrid Keyword Data Driven Automation Frameworks” 1hr Presentation (Technical Techniques Track)
	“Test Automation Experiences” – Chapter on the evolution of the “Hybrid Keyword Data Driven Automation Frameworks” (scheduled for publication on the 1 st March 2011)
	Referees
	AVAILABLE ON REQUEST



