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# GERARD SCZEPURA

*Software Tester*

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(352) 978-2426

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**1978 - 1981**

## *Dun & Bradstreet Corporation*

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**LOB** Business Information Services

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**Hardware** IBM 30XX mainframes Xerox Sigma 7 & 9 mainframes

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**Software** IBM MVS/SP VSAM  
Xerox CP-V JCL  
DBOS COBOL  
TSO PL/1

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**Skills** Operations Support, Technical Support, Programming

- Provided operations support for Report File Update (RFU) and Report File Compression production database applications on Xerox Sigma mainframes.
- Maintained Xerox production DBOS job and file information tables on the CP-V system.
- Created entries in system libraries, OS/CVOL catalogs, high-order qualifiers and generation data group indexes.
- Coded, tested and documented a telephone toll charge management reporting program in IBM COBOL and a TSO user logon tracking program in PL/1.
- Provided backup and recovery support for all user data sets.

## 1981 - 1991

### *Unisys Corporation*

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**LOB** Computer Manufacturing

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<b>Hardware</b>	U6000 and Sun network servers	Unisys B20 workstations
	Unisys A Series, B6900, B7900 and 1100 mainframes	Unisys PW <sup>2</sup> PCs
	Unisys Micro A desktop mainframe	Unisys XE520 & XE530 application servers
	MT985, MT1500, MT687 and T27 terminals	AR7500, Digilog 820, COMSTATE II, HP4953A, HP4955A, TEK834 and Pacer-103 protocol analyzers
<b>Software</b>	BTOS / CTOS	Pascal
	MS-DOS / Windows 3.0	FORTRAN
	UNIX	COBOL
	ISAM	BASIC Interpreter / BASIC Compiler
	Generic Print Services	Assembler
	BGP, Graphics Library	UTS Emulator, MT983 / BTE & Tek4014 Emulators
	BTOS Bmulti & PPT (Printer Pass-Through)	Bnet
	UNISCOPE Gateway	CANDE
	FSA Open	PC-NFS, BWNFS
	DCA Transport / CTOS Mapper / OFIS Access 1100	PC Emulator
	TapeStreamer	Excelerator-RTS

## Skills

Technical and Customer Support, Training, Technical Writing, Software Quality Assurance, Software Testing, Test Tool Development, Software Process Improvement, Interviewing, Campus Recruiting, Leadership

- Participated in the B20 (Convergent Technologies Intel-based workstation) product launch. Activities included delivering New Product Information Transfer (NPIT) presentations; reviewing and editing user documentation and product packaging.
- Provided Burroughs field and customer technical support and training on MT985 and MT1500 terminal systems and BTOS language compilers and access methods.
- Prepared BTOS Technical Support Letters for publication and use by the Burroughs Field Support Organization.
- Participated in Bmulti, PPT and BTE transfer of information (TOI) sessions with Burroughs field support organization.
- Nominated to attend annual CUBE (Current Users of Burroughs Equipment) conferences as the Bmulti roundtable technical representative.
- Prepared and delivered BTOS COBOL and ISAM presentations at Burroughs Customer Ed. Centers and at customer sites.
- Coordinated and participated in Campus Recruiting activities for the Flemington Product Assurance & Support (PA&S) organization.
- Developed and executed system test plans for BTOS Bmulti, UNISCOPE Gateway and TapeStreamer products.
- Participated in engineering design reviews, code walk-throughs and formal inspections.
- Developed a suite of synchronous and asynchronous protocol test programs on the Digilog 820.
- Developed AR7500 poll/select, terminal emulation spreadsheet programs using embedded C code.
- Developed a Bmulti performance test program using HP4955A BASIC.
- Researched and evaluated Function Point software metrics and SPR's Checkpoint measurement, estimation and assessment tool. Presented measurement proposals to senior management.
- Chaired a software engineering task force chartered with identifying and recommending improvements to current organizational software design practices.
- Lead the team responsible for evaluating, selecting and integrating CASE tools within the software development activity. Selected Excelerator-RTS and rolled out the tool on developer's B20 workstations running PC Emulator.
- Planned, organized and scheduled Yourdon Structured Development training as part of the organization's software design improvement initiative.
- Developed a poll/select host simulator in BTOS Pascal using BTOS memory management and communications byte stream APIs for CTOS MCS Agent performance testing.
- Tested and evaluated PC-NFS and BWNFS net link operations on Unisys PW<sup>2</sup> PCs networked to SUN and U6000 servers.

- Tested network print operations from Windows applications and from network file system products. Tested and evaluated UTS 60 graphics terminal emulation under Windows.
- Developed performance test methodologies, plans, and tools in BTOS C for evaluating file system and print system response time in a heterogeneous CTOS, UNIX and DOS / Windows network.

1991 - 1992

*MCI*

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**LOB** Telecommunications and Information Technology Services

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**Hardware** AST PCs

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**Software** OS/2 v1.3 / Presentation Manager Procomm Plus  
MS-DOS DA VINCI eMail  
Windows 3.0 & 3.1 Turbo Pascal  
Novell NetWare 386 V3.11 WordPerfect  
Novell NetWare MHS Norton Editor

*Q/2 Message Engine / Multi-Port Gateway  
and Desktop*

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**Skills**

Project Leadership, Training & Mentoring, Supervision, System and User  
Acceptance Testing, PC & Network Administration

- Supervised two consultants assigned to the Q/2 test team.
- Performed Novell network administrator functions on the test network using Novell WSGEN, SYSCON, INSTALL and OS/2 Requester utilities.
- Configured and installed NE2000 ETHERNET cards, Adaptec AHA-1540 SCSI host adapter boards, Mega Drive removable hard disks, and Sony Magneto Optical disk subsystems.
- Developed system and user acceptance test plans and scripts based on ANSI / IEEE Std. 829-1983.
- Executed extensive protocol tests on store-and-forward, Telex, Mail and MHS messaging services.
- Tested Novell network security, disk duplexing and network disaster recovery.
- Using an in-house developed RTL interface to the Q/2 API, coded several network connection and message creation performance test programs in TURBO PASCAL.
- Trained MCI engineering and sales staff on Q/2 functionality.
- Conducted on-site customer acceptance testing and detailed system reviews with International Monetary Fund cable room supervisors and staff.

1992 - 1995

*Ortho Diagnostic Systems Inc.*

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**LOB** Instrument Systems & Reagent Development and Commercialization

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**Hardware** Dell PCs

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<b>Software</b>	MS-DOS	Artisoft LANtastic
	SCO UNIX	PKZip
	MS Word, MS Excel	Elverex EVALUATOR
	<i>LOMS</i>	<i>ELISA</i>
	<i>OAS</i>	<i>ADAMS / MIDAS</i>

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## Skills

Product Management, FDA 510(k) Process, Functional & Performance Testing, Alpha, Beta and User Acceptance Testing, Automated Testing, Customer Support, Quality Assurance

- Evaluated and recommended the purchase of the Evaluator, a hardware-intrusive, record and playback automated test tool.
- Developed system test plans, automated test methodologies and test scripts in compliance with FDA cGMP and ISO quality standards.
- Developed a suite of Evaluator automated regression test scripts for LOMS, a Laboratory Information Management System (LIMS).
- Participated in customer focus groups with senior-level representatives from clinical testing laboratories in the U.S. and Canada to develop and finalize LOMS formal system requirements both functional and performance.
- Tested and evaluated LOMS software releases off-site at software vendor's location.
- Coordinated the resolution of LOMS product design issues with software vendor and ODSI management.
- Coordinated LOMS Alpha testing with Customer Technical Support (CTS) staff. Reviewed test results and produced a test summary.
- Supported Beta test sites by investigating and responding to user issues and concerns. Produced Beta test summary reports.
- Developed end-to-end system validation scripts in collaboration with blood center operations staff.
- Supervised 3-5 test team members. Reviewed and updated the LOMS project schedule and reported progress to senior management.
- Participated on the LOMS 510(k) pre-market notification team.
- Prepared the following 510(k) documents: Design Document Summary, Principals of Operation, Hazard Analysis, Quality Plan, System Requirements, and V&V Traceability Matrix.
- Executed OAS regression tests. Prepared and executed system test plans for ELISA and ADAMS / MIDAS point releases.

1995 - 1996

*Merrill Lynch (Private Client Group)*

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**LOB** Brokerage and Investment Services

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**Hardware** IBM PCs

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**Software** Windows NT 3.51 & 4.0 TestDirector  
MS Office QA Partner 3.0 & 3.5  
Lotus Notes QA Planner  
PVCS v5.2

*Trusted Global Advisor (TGA)*

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**Skills**

Automated Testing, Through the Glass Testing, Mentoring

- Designed and outlined Client Finder and Positions & Balances manual test cases using QA Planner.
- Developed and maintained the 4Test TGA Shell frame declaration file.
- Redesigned and re-coded existing Calculator and Office Tools 4Test scripts to eliminate cascading test cases.
- Trained junior-level manual testers on QA Partner automated testing techniques.
- Developed and executed automated data-driven Advanced Order Entry and Inquiry (AOE / AOI) horizontal test scripts.
- Regression tested AOE / AOI bug fixes.
- Coded distributed AOE / AOI automated performance test scripts.



1996 - 1998

*Lucent Technologies*

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**LOB** Communications Systems, Applications and Services

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**Hardware** HP PCs

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**Software** Windows 95 HTML  
Windows NT 4.0 MS C/C++  
HP-UX Rogue Wave zApp / Intpack 3.0  
Korn Shell BUSTER  
SABLIME QualityWorks 4.2 & Extension Kit  
Oracle SQL\*Plus

*Trouble / Order Management network applications*

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**Skills**

System & Integration Testing, Automated Testing, Mentoring

- Introduced QualityWorks into the department and established GUI test automation practices and procedures.
- Coded 4Test functions to generate BUSTER test result files by overriding the QA Partner default recovery system.
- Defined GUI test cases from Tier 4 functional requirements.
- Issued and tracked MRs (bug reports) using SABLIME.
- Maintained QA Partner test script templates and manual test results in BUSTER for project management and reporting.
- Executed Trouble Management and Work Force Management customer-oriented scenario tests in a Systems Integration environment.
- Designed and developed an automated test library consisting of data / object-driven QA Partner test scripts using classes, methods and functions.
- Coded an internal application extension in Microsoft C using Extension Kit and zApp / Intpack methods for accessing zTable / zStatusLine custom objects from QA Partner test scripts.
- Authored a QA Partner Script Development Guide in HTML.

1998 - 1999

*ING Barings*

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**LOB** Corporate and Investment Banking

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**Hardware** Compaq PCs

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<b>Software</b>	OS/2 Warp 3.0	Oracle SQL*Plus
	Windows NT 4.0	Sybase / Rapid SQL
	MS Office 97	PowerBuilder 6.0
	IBM DB2 Universal Database	QualityWorks 4.2
	<i>LS2 / LoanIQ</i>	<i>FSCMS</i>
	<i>SMARTStream</i>	<i>Argus</i>
	<i>Documentum</i>	<i>Equities and Fixed Income sales tracking systems</i>

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**Skills**      Y2K Testing, Project Leadership, Automated Testing

- Developed automated test library methods and functions to handle PowerBuilder DataWin objects.
- Developed automated test scripts for validating Y2K compliance of STS Equities and Fixed Income Windows NT applications.
- Managed the LS2 Y2K validation test team consisting of 3 testers.
- Developed and reviewed LS2 test cases with business analysts, IT staff, and system users.
- Executed LS2 / LoanIQ lending transactions on critical Y2K dates and reviewed results with QA staff.
- Attended the successful internal ING audit of LoanIQ Y2K test results.
- Developed and executed Y2K test cases for Documentum, FSCMS, and Argus applications.
- Developed a 4Test automated script to update critical date fields in SMARTStream input data feeds.

1999 - 2000

***Merrill Lynch (MLIB)***

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**LOB** Investment Banking, Foreign Exchange

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**Hardware** Compaq PCs Sun Ultra 2 & 10 workstations

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**Software** Windows NT 4.0 Visio  
SunOS / X MKS Toolkit  
Korn Shell SilkTest 5.0  
MS Office 97 QA Organizer

*FXTS and OPTICS foreign exchange trading systems*

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- Skills** Automated Testing, User Acceptance Testing
- Maintained FXTS and OPTICS automated test scripts and plans using SilkTest / QA Organizer for execution on remote Sun workstations.
  - Executed automated regression tests for development and user acceptance testing.
  - Designed and implemented distributed, multi-application test capabilities into existing 4Test code base.



## Skills

Automated Testing, Backend Testing, Manual Testing, Web-based Testing, Model-based Test Case Development, Tutoring and Mentoring

- Developed performance test scripts using SilkPerformer to record and capture Internet traffic for PCWeb Direct, an Internet-based investment services system.
- Developed and executed manual test cases for the Re-designed Security Master File Intranet application using a model-based test approach. Supervised one junior tester.
- Designed and coded a 4Test automation framework to support PCWeb Direct automated script development.
- Designed and coded PCWeb Direct automated regression tests in 4Test.
- Trained junior-level manual testers on SilkTest automated testing techniques.
- Consulted with senior-level WinRunner automated testers on SilkTest automation techniques.
- Ported 4Test data-driven framework code to TSL.
- Ported PCWeb Direct SilkTest scripts to WinRunner.
- Co-designed a WinRunner automated test framework with senior ATG staff.
- Tested MFA Datamart UNIX shell script command line arguments.
- Verified MFA input data stream processing, and data integrity between input files, staging tables and permanent tables using Transact-SQL.
- Coded and executed Transact-SQL commands to reconcile MicroStrategy's DSS Agent generated report totals against MFA database tables.
- Executed and verified daily IDB batch processing during QA functional test cycles.
- Developed and executed test plans and manual test cases for the ECCP Collateral Management System and Integrated Database (IDB) Risk applications for NASDAQ Europe clearance and settlement services.
- Developed and executed manual test cases for the PCWeb-based Volatility Monitor application.

***Netfolio, Inc.***

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**LOB** Internet Investment & Advisory Services

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**Hardware** Dell PCs

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**Software** Windows NT 4.0 Internet Explorer 5  
MS Office 2000 SilkTest 5.0.3  
*Netfolio*

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**Skills** Automated Testing, Web-based Testing

- Participated in test design planning sessions with team members.
- Coded low-level 4Test library functions to populate browser pages and to manipulate and compare HTML tables.

***QualityWare, Inc.***

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**LOB** Software Validation & Compliance Consulting

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**Hardware** N/A

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**Software** N/A

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**Skills** Auditing

- Performed a software vendor audit of QSI System 9000 on behalf of Novartis, a major pharmaceutical company.
- Assessed Quality Systems International's software development process for FDA cGMP compliance.
- Identified and recommended corrective action as part of QSI's continuing quality improvement initiative.
- Completed the Novartis audit checklist and produced an audit report.



## Skills

Web Services Testing, Context-Driven Testing, Ad Hoc / Exploratory Testing, Web-based Testing, Automated Testing, Pairwise Testing, SQL / Database Testing

- Performed ad hoc and exploratory testing in a RAD environment for LNS SiteMan, an Intranet-based Site Acquisition and Management system.
- Executed manual test cases and used SQL Query Analyzer to verify database content and integrity.
- Tested SiteMan data migration using SQL and stare-and-compare techniques to verify application work list contents.
- Tested and verified new application features and MR resolutions in a Development / UAT environment prior to Production code migration.
- Coded a SilkTest script to enable unattended stress testing of the Intranet-based OSP Server Manager Configuration process.
- Implemented a SiteMan proof-of-concept automated regression test framework in SilkTest.
- Developed system test plans and test case scenarios for the Billing Pre-Processor & Packager (BP3), a webMethods B2B server application.
- Developed service request test transactions from schema definitions using XML Spy.
- Executed billing request test cases using an ActivePerl script. Monitored transaction request processing using HP-UX application logs.
- Verified billing element tables using SQL\*Plus.
- Developed and executed Telephony, Website and Telephone Portal advanced feature system test cases for VPlus R2.0 / Application Server Complex 2004.xx, major components of the AT&T CallVantage Service Voice over IP (VoIP) consumer product offering.
- Reviewed and executed SVT Feature and Sonus interaction test cases in the system test environment.
- Verified feature test results using event and sipti logs on Solaris application servers.
- Maintained test specifications and test case status using an internal AT&T Test Case Database.
- Regression tested MR fixes and updated status in WITS.



## *AT&T Labs (Florham Park)*

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**LOB** Research and Development

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**Hardware** HP Kayak XA PCs  
D-Link DVG-1120M Integrated Access Devices

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**Software** Windows XP Professional  
Solaris / SunOS 5.8  
Microsoft Office 2000  
Internet Explorer 6.0  
*VPlus R1.0*

Visio 2000  
Gnatsweb v2.9.3  
AT&T Web Issue Tracking System (WITS) 5.2

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### **Skills**

#### Basic Telephony, CLASS 5 features, Integration & System Testing

- Developed and executed detailed telephony integration test cases for VPlus, a component of the AT&T Consumer Services Voice over IP (VoIP) product offering.
- Created an Integration Test Plan, in AT&T Labs OneProcess<sup>SM</sup> format, from draft copy.
- Co-authored a VPlus OA&M procedures document.
- Upgraded Integrated Access Device (IAD) firmware and modified configuration settings using telnet and the D-Link web-based management module.
- Created state transition diagrams in Visio 2000 to analyze and model Voice Portal test cases from UI specifications.
- Provisioned new user accounts and features using the VPlus website.
- Reported anomalies using the Gnatsweb front-end to the GNATS problem tracking system.
- Maintained and reported test case status to team members using Excel spreadsheets.
- Documented and executed detailed test procedures for VPlus feature interactions from high-level system test case specifications.

2004 - 2006

*BellSouth Telecommunications, Inc.*

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**LOB** Broadband Operations and Services Development

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**Hardware** Dell Optiplex GX280 PCs Sun-Blade-100 Workstations

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**Software** Windows XP Professional PVCS Dimensions 7.2 / PC client 2.8.5  
Solaris / SunOS 5.9 Mercury Quality Center 8.2  
Microsoft Office 2002 TestDirector 8.0 SP2  
Serena ChangeMan Dimensions web client 9.1.0 QuickTest Professional 6.5 / 8.2  
Advanced Query Tool v7.1.1 / 7.1.6 LoadRunner 8.0 / 8.1  
*Service Level Agreement Management (SLAM) 1.0 and 1.1* *Customer Network Management (CNM) Portal 1.0 and 2.0*  
*Customer Trouble Ticketing System (CTTS) for GTA*

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## Skills

Load / Performance / Stress Testing, Manual Testing, Context-Driven Testing, Ad Hoc / Exploratory Testing, Web-based Testing, Automated Testing, Training and Mentoring, Interviewing

- Developed and executed Organization Management test cases for the CNM Portal 1.0 web application for Georgia Technology Authority (GTA).
- Developed and maintained test cases in Mercury Quality Center.
- Attended GTA CNM Portal 1.0 requirements and technical review sessions.
- Executed manual Portal test cases on both IE and Netscape (Windows and Solaris) and documented defects in Serena ChangeMan Dimensions.
- Executed exploratory and ad hoc testing on early GTA Portal builds.
- Developed UAT scenarios for GTA Customer Trouble Ticketing System (CTTS) and Portal.
- Provided training sessions and demos to GTA Portal Administrators and senior GTA management.
- Regression tested multiple CTTS software builds.
- Developed a suite of automated QuickTest Pro scripts to setup GTA Portal customer organizations, roles, and users and to automate field validation test cases.
- Developed and executed LoadRunner performance and load tests for user Login and concurrent user access to Portal functions and worked closely with development to identify and resolve performance issues.
- Worked with systems engineers to define SLAM 1.0 Analysis Server test data for Access Performance (latency, jitter, and packet delivery), Availability, MTTR and Installation SLA metrics.
- Tested the Analysis Server by computing metric calculations and applied credits using Excel spreadsheets and ran SQL statements to verify the results in the Teradata data repository.
- As Test Lead for the Service Level Agreement Management (SLAM) 1.1 and Customer Network Management (CNM) Portal 2.0 projects for the State of South Carolina, managed the testing activities for 3 testers during initial project planning phase.
- Developed system test strategies and test methodologies for the SLAM 1.1 and CNM Portal 2.0 projects and produced the System Test Plans.
- Trained and mentored team members on QuickTest Pro and LoadRunner automation techniques.

2006 - 2008

*Space Gateway Support, LLC*

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**LOB** Unified Base Operations and Support Services as part of the J-BOSC Contract at KSC, CCAFS, and PAFB

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**Hardware** Gateway E Series PCs IBM System z9 mainframe  
HP U9000 / 898 servers

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**Software**

Windows XP Professional	TestDirector 8.0
Windows Server 2003 R2 Enterprise Edition	Quality Center 9.0
IIS 6.0	QuickTest Pro 8.2 / 9.0
HP-UX B.11.11	HP Quality Center 9.2
z/OS v1.07 / ISPF 5.7	HP QuickTest Pro 9.5
MS Office XP 2002 / 2003	Advanced Query Tool (AQT) 8.1.6
FrontPage 2002	PuTTY 0.60
SQL Server Management Studio 9.0	EasyZip 2000 v4.0
SQL Server Enterprise Manager 8.0	GLink for Windows 6.0.0
SQL Query Analyzer 8.0	HiSoftware AccVerify 10
<i>Fluids Inventory Management System (FIMS) Version 1</i>	<i>Employee Data Warehouse Self Service Management Tool (SSMT) Phase 7</i>
<i>UUPIC Lookup Tool (ULT) Version 1. 1</i>	<i>Access Level Management System (ALMS) Phase 1</i>
<i>Airborne Field Mill</i>	<i>KSC Online Print Request System</i>
<i>Asbestos Management Information System</i>	<i>MAXIMO 4i Release 4.1.1</i>
<i>Configuration Management Data System</i>	<i>Process Control System</i>
<i>Corrective Action / Preventive Action Requests</i>	<i>RMS Security Records Management System</i>
<i>eInfo Services</i>	<i>Security Services Integrated Incident Reporting System</i>
<i>Goal Performance Evaluation System</i>	<i>SGS Web</i>
<i>JBOSC Launch Readiness Reporting System</i>	<i>Shuttle Training Certification Records System</i>
<i>Joint Mission Operations Support Tool</i>	<i>Training Resource Automation Center, K-9 Module</i>
<i>Kennedy Mobile Equipment Database</i>	

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## Skills

Manual Testing, Iterative Testing, Web-based Testing, Automated Testing, Database Testing, Process Improvement, Windows Server Administration, Quality Center Administration

- Developed System Test Plans, Test Procedures, Defect and Test Reports for major project releases developed using Microsoft .NET technologies.
- Performed system testing on Development and Sustaining Engineering applications from Change Request Project Documents (CRPDs) for NASA and internal SGS applications.
- Installed and configured applications in the test environment from the development staging area.
- Configured application web site properties using IIS Manager on Windows 2003 Server.
- Prepared the Production Version Description Document (VDD) and moved application code to the production staging area.
- Worked with Development, Configuration Management, Server Ops and DBAs to schedule and support Production deployments.
- Provided test support for the Self Service Management Tool (SSMT) External Website Release 1 project.
- Participated in the Federal Desktop Core Configuration (FDCC) compliance testing effort.
- Worked with IM QA/CM staff to identify improvements to the VDD generation process.
- Prepared and delivered VDD Training presentations to over 50 IM Sys Ops, Sys Dev, and Configuration Mgt. managers and staff. Proposed 3 new VDD templates based on feedback received during the training presentations.
- Revised applicable SGS Procedure and Instruction documents with the new VDD process and templates.
- Developed and executed QuickTest Pro (QTP) scripts to perform data administration functions for the FIMS desktop client.
- Developed and executed a QTP script to regression test over 300 Commodity / UOM conversions on the FIMS Add Transactions form.
- Developed QTP scripts to: verify SSMT Advanced Search feature and Edit field attributes on data entry pages; verify links on the SGS Home page during server migration testing; and to regression test the Utility Locate / Excavation Permit Request (EPR) New Request submission process.

2008 - 2018

*Abacus Technology Corporation*

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**LOB** Information Technology and Communication Services for the IMCS contract at KSC

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**Hardware** Dell Optiplex 755 PCs  
Lenovo ThinkCentre M Series  
Power MAC G4 (AGP graphics)  
Mac Pro  
iMac

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**Software** Windows XP Professional  
Windows 7 Enterprise SP1  
MS Office Professional 2003  
MS Office 2007 / 2010  
MS Office Professional Plus 2013  
MAC OS X 10.4.11  
Safari 3.1.1  
MAC OS X 10.6.3  
Safari 5.1.4  
MAC OS X Lion 10.7.5  
Safari 6.0.1  
MAC OS X El Capitan 10.11.6  
Safari 11.0.1  
CentOS 6.7  
MobaXterm Personal Edition 8.6  
Acunetix Web Vulnerability Scanner  
Version 7.0 - 11.0  
Maximo 6 - 7.6  
Visual Studio 2008 / Community 2015  
SQL Server Management Studio 9.0 / 10.5  
SQL Server Management Studio 2014  
SQL Server Enterprise Manager 8.0  
Oracle SQL Developer 3.1.07  
Softerra LDAP Browser 2.6 - 4.5  
HP Quality Center 9.2  
Atlassian JIRA 4.2 - 7.2  
Atlassian Octopus Deploy 4.1.3  
SmartBear Software SoapUI 4.0 - 5.2.1  
Fiddler Web Debugger 2.2 - 4.4  
HiSoftware AccVerify 11  
SortSite Professional 4.7 - 5.3

*API Services: Employee Information (EInfo), Authorization (Authos), Application Information Logging (AILS)*

*Access Level Management System (ALMS) Phase 2*

*API Services Interface (APIS)*

*Key Code Core Tracking (KCCT) System*

*Key Credentials Management System (KCMS)*

*Inspire Connect Explore (ICE3)*

*Kennedy Action Tracking System (KATS)*

*SpecsIntact (SI) Ver. 5*

*Asbestos Management Information System (AMIS)*

*Configuration Management Data System (CMDS)*

*Corrective Action / Preventive Action Request System (CAR/PAR)*

*Dryden MAXIMO*

*Electronic Forms Tracking System*

*Employee Data Warehouse (EDW)*

*Employee Data Warehouse Admin App (EDWAA)*

*Employee Lookup for Security Systems (ELSS)*

*Excavation Permit Request (EPR)*

*External Customer Service Interface (ECSI)*

*Facility Information System (FIC)*

*Facility Space Management System (FSMS)*

*Fire & Security Reporting Application (FSRA)*

*Facility Space Utilization Application (FSUA)*

*Fire Inspection Tracking System Upload (FITSU)*

*Fleet Management Tracking System (FMTS)*

*Fluids Inventory Management System (FIMS)*

*Geographic Information System (GIS)*

*Goal Performance Evaluation System (GPES)*

*IM Change Request (IMCR)*

*IMCS Customer Survey System (ICSS)*

*IMCS / OMEH MAXIMO*

*IMCS Web Portal*

*IT Surveillance Tracking Tool (ISTT)*

*Joint Mission Operations Support Tool (JMOST)*

*Kennedy Action Item Tracking System (KAITS)*

*Expendable Launch Vehicle Integrated Support (ELVIS) 2 Source Evaluation Board (SEB)*

*Configuration Management Database (CMDB)*

*KSC Intern Tracking System (KITS)*

*KSC Weather Data Archive (WxArchive)*

*Research & Technology Proposal Portal (RTPP)*

*Standard Performance Appraisal Communication Environment (SPACE)*

*EDW Rearchitecture Project (EIMS / EIMA)*

*KSC Bulletin*

*KSC Electronic Forms System (KEFS)*

*KSC Engineering Documentation System (KEDS)*

*KSC Fixed Ladder Inventory System (KFLIS)*

*KSC HSPD12 Informational Website*

*KSC Training & Certification Records System (TCRS)*

*Life Support Services System (LSSS)*

*Mail Label Distribution System*

*Mobile Property Inventory Application (MPIA)*

*NASA Web / Launch Services Program (LSP)*

*OMEU Reporting and Search (OMEU)*

*Opportunity for Improvement System (OFI)*

*Overtime Board (OTB)*

*Personal Identity Verification System (PIVS)*

*Printing and Micrographics Information System (PAMIS)*

*Bentley ProjectWise V8i*

*Secured Application Manager 2 (SAM2)*

*Self Service Management Tool (SSMT)*

*Shuttle Training Certification Records System (PM50)*

*Site Planning Application (SPA)*

*Spaceport Weather Alert System (SWWA)*

*SpecsIntact Web Site*

*Technical Training Management System (TTMS)*

*Training Application RE01 (TRN)*

*Training Records Search (TCRS)*

*Training Resource Automation Center (TRAC)*

*WUC/SPA/Model Number Cross Reference Tool*

## Skills

Leadership, Manual Testing, Exploratory Testing, Iterative Testing, Web-based Testing, Web Services Testing, Database Testing, Training and Mentoring, Process Improvement, Agile Practices (Scrum)

- As Test Lead, performed risk analysis for each test work order; assigned projects to team members; tracked project status in Maximo; provided software testing estimates for NASA IT Requests (ITRs).
- Performed software testing on Web and Windows Forms applications developed using the following technologies: Microsoft .NET, Adobe ColdFusion, Sitecore, and SharePoint. Tracked test issues in JIRA.
- Produced test plans and detailed test procedures for safety critical and complex mission support projects developed under NASA Policy Directives for Engineering and Program/Project Management.
- Tracked test issues in JIRA for agile projects and Quality Center for traditional waterfall projects.
- Performed integration testing on SpecsIntact Ver. 5, an automated Specification Management System used by NASA, and various DoD agencies worldwide. The project's development phase consisted of 61 two-week sprints.
- Co-authored and executed Software Performance Test Plan and Test Procedure documents for stress/load/soak testing the Advanced Ground Systems Maintenance (AGSM) Architecture System Services software providing essential capabilities of AGSM Integrated Health Management (IHM) in support of the Ground Systems Development and Operations (GSDO) Program.
- Developed a SeleniumIDE script to reproduce Sitecore 7 performance issues experienced during user training sessions. Used the script to establish performance benchmarks on PCs running in different locations on Center.
- Created SoapUI functional scripts for testing EIMS Employee, Facility, and Organization services. Converted functional SoapUI scripts to performance scripts in order to establish benchmark performance of Employee Services in test/dev/prod environments.
- Produced Issue Reports using the Quality Center Document Generator.
- Prepared and delivered multiple Scrum framework presentations to Software Test, QA / CM staff and management.
- Performed software testing on projects released from IMCS Software Services on Change Request Project Documents (CRPDs) or Agile Scrum Conversation / Requirements & Verification Documents (CRVs) for both NASA and IMCS applications.
- Performed software testing on Scrum projects from user stories defined in JIRA.
- Developed and executed SQL queries using SQL Server Management Studio on KSC Weather Data Archive data tables, date/time and latitude/longitude dimension tables, consisting of subqueries and joins, to verify reports and search results.
- Tested API Services using Fiddler for REST and WCF Test Client for SOAP protocol methods.
- Developed automated regression test suites using SoapUI for the EInfo service consisting of 300+ test steps for SOAP and REST method calls.



- Developed SoapUI automated tests for the API Services Interface (APIS) SOAP method calls.
- Verified employee data returned by the EInfo Service using Softerra LDAP Browser to query the NASA Enterprise Directory (NED).
- Used SQL Server Enterprise Manager to test an Enterprise Data Warehouse (EDW) DTS package that extracts merged SSMT employee and yellow pages Caller ID (CID) information.
- Completely revised the *Instruction for IMCS Independent Software Testing* document to reflect current practices, including agile methods, within the IMCS Software Testing Life Cycle.
- Designed and released Software Test Plan (STP), Test Procedure (STPR), and Test Report (STR) templates for use on mission critical projects.
- Spearheaded the follow-on effort to revise the Version Description Document (VDD) template to streamline the document creation and deployment process.
- Developed VBScripts to assist the Test group in crosschecking the VDD file list and attributes with staging area files.

## 2018 - Present

### *Science Applications International Corp. (SIAC)*

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**LOB** Software Applications Services for the KIAC contract at KSC

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**Hardware** Dell Optiplex 755 PCs iMac

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**Software** Windows 7 Enterprise SP1  
MS Office Professional Plus 2013  
MAC OS X El Capitan 10.11.6  
Safari 11.0.1  
Acunetix Web Vulnerability Scanner  
Version 11.0  
Maximo 7.6  
Visual Studio Community 2015  
SQL Server Management Studio 2014  
Atlassian JIRA 7.2  
Atlassian Octopus Deploy 4.1.3  
SortSite Professional 5.3

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