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Summary

I have 19 years of IT experience that began as an operations technician, went through a network engineering period, and into development where I progressed to Project Manager. My interest with your company is in a senior level web and/or windows development role with leadership responsibilities. I am accustomed to both Waterfall and Agile development cycles using C#, Visual Basic, and even some C++, again in both windows and web applications. My ultimate favorite project was one of my first (with Sperry Marine) where I converted a C program to VB 4.0 that managed, programmed, and recorded microwave antennae measurement tests. I also have extensive reporting experience using Crystal Reports and have installed, setup, and propagated the SAP Edge Business Objects Enterprise 4.0 BI server. My comfort level with various environments and projects can be ideal for contract or permanent positions.

Skills & Qualifications

Languages	C++, C#, .Net Framework 4.5, ADO.NET, *Java, Visual Basic
Methodologies	Systems modeling, Agile development, Waterfall
IDE Environments	Visual Studio 2013, *Eclipse
Web Development	ASP.Net, XHTML, JavaScript, AJAX, CSS, ASP, IIS, MVC 5, JQuery 2.x, Bootstrap 3.x, CSS3, HTML5, JavaScript, ExtJs 5, JSON, WCF and RESTful services
Database Systems	MS SQL Server, *Oracle 9i-10G, Entity Framework 6.x
Source code Management	TFS and TFS Online, Visual Source Safe, PVCS, Subversion, Axosoft OnTime
Testing	*QA Partner 4-Test
Project Management	MS Project, Team Foundation Server
Industries & Development Topics	Insurance, Health Care Services Management, HIPAA EDI 4010 & 5010, Federal and State Government Agencies, Human Resources, DOD, Naval Radar and Sensor systems, Educational, Public Utility, Product Development Workflow, Medical Devices

Positions Held

Myriad Technical	September 2015 to Present
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Position Title

Application Architect – Contractor Exelon Corporation

Accomplishments

- Web development of multiple projects with varying priorities set during scrum meetings as a part of Agile methodology
- Requirements gathering, UML design and documentation of system architecture, use cases, and objects
- Design system architecture from requirements, set up tasks for database and application development

- Complex stored procedure development, database analysis and optimization, and scripting
- New RESTful and maintenance of existing WCF Services development
- Oracle database development

Project Technologies

MS Visual Studio 2013, C#.NET 4.5, MVC 5, Entity Framework 6.1, Dependency Injection, JSON, HTML5, StructureMap

VariQ, Inc.	September 2012 to September 2015
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Position Title

Sr. Consultant - Independent Contractor

Accomplishments

- Web development of multiple projects with varying priorities set during scrum meetings as a part of Agile methodology
- Requirements gathering, UML design and documentation of system architecture, use cases, and objects
- Complex stored procedure development, database analysis and optimization, and scripting
- Install, configure, and write API methods for OnTime project management system
- Managed version control using subversion, track Agile development including QA using OnTime, participated in release deployment, performed staging and development deployments
- Created and managed database using Entity Client First process and migration
- Analyzed JavaScript libraries, development & version control tools, and best practices for project development

Project Technologies

MS Visual Studio 2013, C#.NET 4.5, Subversion, MVC 5, Entity Framework 6.0, JQuery, Bootstrap 3.0, CSS3, JavaScript, ExtJs 5.0 Unity Dependency Injection, JSON, HTML5, Axosoft OnTime, Crystal Reports 11 development and API integration

Computer Technologies Consultants, Inc.	July 2012 to November 2012
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Position Title

Sr. Consultant

Accomplishments

- Maintenance development and feature creation of large scale distributed application for industry leader's online, multi-threaded, cloud testing software using WCF web service, Entity Framework, Unity dependency injection and various web technologies
- Developed formal documentation, participated in peer review of documentation and code
- Worked with QA team for issue resolution
- Managed multiple features, tasks, troubleshooting & resolution issues simultaneously
- Participated in scrum meetings for agile development process

Project Technologies

MS Visual Studio 2010, C#.NET 4.0, TFS, JQuery, HTML, MVC 4

Avesis Inc.	February 2011 to June 2012
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Position Title

Sr. Software Engineer

Accomplishments

- Lead the development of several in house applications and system upgrades
- Develop Corporate portal C#, .NET 4.0, and Business Objects API
- Develop several applications for in house use to eliminate manual processes using VBA, Excel, and Visual Studio 2010
- Analyze software & system for best practices and approach for development and upgrade of system features
- Design and develop formal system documentation, coding standards and best practices
- Heavy stored procedure and SQL script development
- Direct client contact for data requests, issue resolution of HIPAA data and provider credentialing
- Maintain and upgrade company's external website
- Team lead for the setup, installation, and migration of a new reporting system from Crystal Reports 2008 to Edge Enterprise 4.0
 - Installed the server application and client tools
 - Develop the Universe and data connections
 - Converted Crystal Reports 2008 to Crystal Reports Enterprise 4.0
- Spearheaded the upgrade efforts of new the development environment from .net 2.0 and Visual Source Safe to Visual Studio 2010 and TFS.
- Interview and made recommendations of hire for new staff
- Oversee work done by team members of varying degree of expertise, implemented brown bag sessions and write the technical article for company newsletter

Project Technologies

MS Visual Studio 2010 C#.NET 4.0, TFS, SAP Edge Business Objects IX 4.0, JavaScript, HTML 4, CSS, MS SQL 2008 R2, SQL development

Vision Technologies Services	August 2010 to July 2011
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Position Title

Sr. Consultant

Accomplishments

- Systems analysis, design, and development of Innova System, an embedded system for a production streaking petri dish medical instrument.
 - Meet with team to devise a plan for advancement of the system at hand
 - Analyze system for best practices and approach for development, advancement of system features, including maintenance
 - Design and develop formal system documentation in support of systems development

- Develop embedded C++ .net software per design documents on a Petri net based architecture used to manipulate instrument motors and robotics.

Project Technologies

MS Visual Studio 2008, Windows Embedded C++, .NET 3.5, PVCS, Petri Nets

IDG Companies	March 2009 to August 2010
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Position Title

Project Manager

Accomplishments

- Gather requirements
 - Meet with user groups to gather tasks, coordinate and detailed department functions
 - Compiled the requirements into services and designed service based UML diagrams
 - Coordinated with the .NET architect to design application structure
- Meet with development team to design flowcharts, promote project understanding, assign team members to projects, and designate a lead
- Determine timelines based upon user need, coding methods, and resource ability
- Coordinate with Architect to create database design
- Monitor project progress to establish milestones, maintain coding standards, coding best practices, and development route to complete project within the timeline using MS Project
- Administer Team Foundation Server (TFS) to manage projects
- Created testing documentation in Excel
 - Generated a list of testing requirements based upon noted risks, known development issues, function points, and bug list
 - Assigned resources for testing team, deployed solution onto testing servers complete with a version of the application, necessary services and the database
- Developed SQL scripts for database setup and upgrade of tables, initialization data, and Stored Procedures
- Design windows, web, and WCF Services to act as communication lines between separate databases on separate servers to maintain data purity. These services act as the base of an SOA architecture, featuring one service as the main hub, (called Central Nervous System), which manages the data between services per perspective databases. The individual database services would be the manager of data going in and out, although the application tied to that database did not require use of the service.
- Coordinate with the architect to design a task notification system using windows messaging, WCF and Windows Services
- Coordinate with architect to design rules based artificial intelligence system housed in a database design which would use those rules to present results via stored procedures based upon data entered. This set of results determines workflow and basic requirements to automatically set the rate for insurance applications,

determine policy forms for policies for client review, and generate premiums to be reviewed via intranet web application, effectively performing basic underwriting of insurance applications.

- Design admin system for underwriter and executive staff to review rules for update, removal, or augmentation
- Develop C# code in various circumstances and proof of concepts
 - Code objects based windows forms and asp.net applications using C# and ADO.NET for backend development on .net 3.5
 - Develop many SQL scripts, stored procedures, and functions
 - Extend Outlook and TFS by designing and creating add-in to integrate with other office products or MS SQL Database
- Coordinate with architect to interview and hire staff
- Use Agile development life cycle
 - Daily scrum meetings
 - UML and database modeling
 - Utilize client involvement in the development process, having a version of the application for client review highlighting requirements on a given test, QA, or development server released generally at development milestones
 - Prioritize new requirements into categories for current and future versions to meet application and timeline expectations
- Design and/or develop C# code for services, utilizing more XML for portability, easier configuration and application maintenance
- Deploy applications through installation and script processing, and documented using UML deployment diagrams

Project Technologies

MS Visual Studio 2008 C#.NET 3.5, Visual Studio Team System 2008, MS SQL 2005, Project Management Server 2007, MS Office 2010, MS Visio, JavaScript, HTML 4, CSS

Sogeti USA LLC	December 2005 to March 2009
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Position Title

Sr. Consultant

Accomplishments

- Positions marked with an asterisk were assignments while on staff with Sogeti and follows this one in order. Please refer to those positions for Sogeti accomplishments.

Project Technologies

Listed in each position

*MJO Services	November 2008 to March 2009
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Position Title

Sr. .NET Developer

Accomplishments

- Develop Windows and Web .NET projects with MS SQL back-ends that capture, manipulate and process data for workflow process using C# and the development of Web services

- Managed, maintained, stabilized and repaired current .NET applications using Visual Studio 2005 and MS SQL 2005
- Optimized performance indicators for all databases related to the projects with which I am involved, their index usage, and data manipulation through stored procedures and programming
- Assigned as the Lead Programmer for all development
- Created documentation supporting database and windows and web applications.
- Maintenance development of unit tests and C# code as it pertains to persistence of the application code
- Serve on interview team for new staff members
- Train and setup new staff members
- Assist with the creation of development policy, procedures and methodologies
- Analyze current processes and develop system architecture and recommend SOA architecture considerations to the Chief architect for development of future projects
- Developed stored procedures, installation scripts for the creation of new classes and insertion of data for new and existing databases
- Agile development methodologies
- Gather requirements, interview customers and generate application design

Project Technologies

MS Visual Studio 2008 (C#), Team Foundation Server, MS SQL / T-SQL, SMSS 2005, CSS, XHTML, SOAP, XML, IIS

*Maxim Healthcare Services	November 2007 to November 2008
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Position Title

Sr. .NET Developer

Accomplishments

- Develop Windows and Web .NET projects with MS SQL back-ends that capture, manipulate and process data for workflow process using C# and the development of Web services
- Corporate workflow processes involved but are not limited to paycheck advancements, commissions calculation, human resource records manipulation for new hires, data export to third party company for payroll, and marketing initiatives
- Managed, maintained, stabilized and repaired current .NET applications using both 2003 for .Net 1.1 and 2005 for .Net 2.0, SQL 2000 and 2005 database objects, and Access 97 database projects
- Optimized performance indicators for all databases related to the projects with which I am involved, their index usage, and data manipulation through stored procedures, DTS objects, jobs and T-SQL programming.
- Acted as lead tech in facilitating and managing the moving and rebuilding of websites from older to new servers and upgraded websites
- Created documentation supporting database and windows and web applications.
- Maintenance development of unit tests and C# code as it pertains to persistence of the application code
- Serve on interview team for new staff members
- Train and setup new staff members
- Assist with the creation of development policy, procedures and methodologies

- Analyze current processes and develop system architecture and recommend SOA architecture considerations to the Chief architect for development of future projects
- Developed stored procedures, installation scripts for the creation of new classes and insertion of data for new and existing databases
- Take ownership of projects, managing the development of multiple projects using SDLC and agile development methodologies
- Develop several applications for Windows and the Web from current Excel spreadsheets to streamline workflow processes
- Maintained and Converted to ASPX.Net PHP websites and maintained PHP/MySQL websites.
- Acted as team lead on multiple projects, managing their development, developing the applications architecture, the database scheme. Coached up, managed to work of and tasked programmers on projects for which I was responsible that had a development team.

Project Technologies

MS Visual Studio 2003/2005/2008 (C# & VB), Team Foundation Server, MS SQL / T-SQL, MS Access 97 and the MS Office Suite 2003/2007, SQL Server Management Studio 2005, DevExpress v2007, PHP, MySQL, CSS, XHTML, SOAP, XML, IIS, VMWare

*Sodexo, Inc.	December 2006 to October 2007
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Position Title

SQL.NET Programmer

Accomplishments

- Developed SQL scripts for creating and altering stored procedures, constraints, tables, indexes and other database objects, took ownership of the database
- Developed windows forms based applications as SQL/Oracle database tools to perform functions such as data cleansing, TSQL/PLSQL scripting and automatic SQL and stored procedure creation based on the current database specification using C#.
- Optimized performance for all database functions, and index usage.
- Created documentation supporting all database functionality.
- Maintenance development of unit tests and C# code as it pertains to persistence of the application code

Project Technologies

T-SQL, PLSQL, SQL Server Management Studio 2005, ORACLE 10G, Team System.NET, C#.NET

*Connect Your Care Baltimore	September 2006 to December 2006
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Position Title

Database Programmer

Accomplishments

- Developed SQL scripts to manage database objects and retrieve data for reports in JSP web pages

- Added stored procedures, tables, constraints and relationship through scripts to accomplish support tasks for data retrieval and established rules and created documentation on best practice for development of database related objects.
- Adjusted and maintained JSP pages to accommodate SQL changes or new development of web reports using JSP & Hibernate.

Project Technologies

T-SQL, SQL Server Management Studio 2005, Java, JSP

*Constellation New Energy Baltimore	April 2006 to August 2006
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Position Title

Crystal Reports Programmer

Accomplishments

- Developed, fixed and maintained Crystal Reports.
- Heavy SQL coding developing stored procedures to retrieve and manipulate report data
- Database analysis for best case scenario in developing new MS SQL databases, tables, and stored procedures.
- Developed MS Access interface to allow client to change data as required
- Agile development for changing requirements.
- Produced design documents and documented all code, processes and data enhancements.
- Interface with the client to gather requirements and develop a design process.

Project Technologies

T-SQL, SQL Server, Crystal Reports 11, MS Access 2003

*Sylvan Learning Center Baltimore	December 2005 to April 2006
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Position Title

Visual Basic Programmer

Accomplishments

- Developed highly visible, parent facing Crystal Reports projects.
- Designed objects, formulas, and access models for the reports.
- Developed Visual Basic code to access reports, set report parameters, and change report appearance based on current application workflow conditions and in support of product development.
- Developed SQL for stored procedures to access and manipulate for the reports.
- C#.Net code maintenance for existing web service.
- Created test environment for upcoming new systems development and testing.
- Interfaced with the client to gather requirements and develop a design process.
- Documented all new and maintenance development tasks.

Project Technologies

T-SQL, SQL Server, Visual Basic 6.0 and .NET, Crystal Reports 9

MOSAIC Lithographic Cheverly	March 2005 to September 2005
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Position Title

Visual Basic Programmer

Accomplishments

- Developed a printing process workflow management application.
- Maintained and upgraded Web based order application and web setup program.
- Designed and developed MS SQL database for application backend including all necessary database objects, access and integration with existing database to share certain database objects.
- Interfaced with the client to gather requirements and develop a design process.
- Documented all new and maintenance development tasks.

Project Technologies

T-SQL, SQL Server, Visual Basic 6.0 and .NET, Crystal Reports 11, Word 2003, Excel 2003, VBA

Howard University Washington	February 2005 to March 2005
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Position Title

Crystal Reports Programmer

Accomplishments

- Developed and fixed existing reports.
- Publish existing and new reports on web portal.
- Developed PL/SQL for Oracle database for report data.

Project Technologies

PL/SQL, Oracle 9i, Crystal Reports 9

Mindbank Consulting Reston	August 2004 to March 2005
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Position Title

Programmer/Analyst

Accomplishments

- Analyze requirements and systems for the development of enhancements for new version of a child support payment processing system.
- C++ development of a DLL to integrate with OPEX ASi300 Mail Processing and OCR reader machine.
- Visual Basic development of several modules and classes per the given tasks.
- T-SQL programming of stored procedures for data access and manipulation.
- Database analysis and optimization.
- Development of reports for current system and processing status, payment and performance indicators.
- RAD development process.
- Documented all code and tasks using design documents.

Project Technologies

T-SQL, MS SQL 2000, Visual Basic 6.0, Visual C++, Crystal Reports 9

GEICO Direct	April 2004 to July 2004
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Position Title

Programmer/Analyst

Accomplishments

- Developed COBOL II/IMS data access applications and forms under MVS.
- Database analysis and integration.
- Developed Visual Basic modules to receive data downloaded via COBOL/IMS code.

Project Technologies

COBOL II, IMS, MVS, Visual Basic 6.0

Titan Systems, Inc.	August 2003 to December 2003
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Position Title

Programmer/Analyst

Accomplishments

- Developed PL/SQL stored procedures and functions.
- Developed Adobe data access smart forms in XML.
- Developed Active X objects for web projects.
- Large team development project.

Project Technologies

Visual Basic 6.0, Oracle 8i, TOAD 7.4, MS Interdev, Adobe Forms Designer and Filler, MTS

Keane, Inc.	January 2003 to July 2003
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Position Title

Sr. Exchange Programmer

Accomplishments

- Developed an integrated resource scheduling system attached to the client's MS Exchange cluster
- Developed pages for MS Outlook and objects to integrate with MS Exchange system administration and set up and for intranet catering system
- Developed usage statistics and resource availability status reports.

Project Technologies

Visual Basic 6.0, Visual Basic.NET, MS Outlook, MS Exchange, VBA, ASP

RG2 Technologies	April 2002 to December 2003
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Position Title

Sr. Programmer/Analyst

Accomplishments

- Full life cycle development of budget systems applications
- Multiple project development for several government agencies in various phases of development from requirements gathering to product demonstration
- Team lead or technical lead. Interviewed and analyzed staff for hiring. Developed Visual Basic applications and COM objects
- Developed ASP applications for the web
- Developed Crystal Reports

Project Technologies

Visual Basic 6.0, Oracle 9i, MS SQL 7, Crystal Reports 8.5, Active Reports, ASP, MS Interdev

Axiom Systems	April 2001 to December 2001
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Position Title

Senior Consultant

Accomplishments

- Full life cycle development of application to process HIPAA EDI documents
- Analyzed and integrated systems, platforms and client/server databases
- Technical lead
- Heavy ANSI SQL development
- VBA development of office workflow system integration projects
- Developed Crystal Reports, user guides and system documentation

Project Technologies

Visual Basic 6.0, ANSI SQL, ASP, HTML, HIPAA, VBA, MS Access, Visio, ErWin

Advanced Management Technology Incorporated	December 1999 to April 2001
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Position Title

Sr. Programmer/Analyst

Accomplishments

- Full life cycle development of high profile Windows NT/2000/98 and Web applications
- N-tier applications development included Mainframe integration
- Development of Web applications and private viewing areas called conferences
- Designed, developed and administered databases
- Lead responsibilities on several Projects VBA and MS Access applications development
Designed and developed of IIS platforms for HTTP, HTTPS and FTP website for development and production and proof of concepts systems

Project Technologies

Visual Basic 6.0, ASP, Web board, Crystal Reports, VT-100 scripting, VBA, MS Access, IIS

New Boston Systems	July 1999 to December 1999
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Position Title

Business Analyst

Accomplishments

- Developed VBA projects integrating MS Access, MS Excel, MS PowerPoint, MS Outlook and MS Word to retrieve, catalog, and manage the workflow and analysis of client survey and report data
- Distributed the data to the appropriate contract managers and clients
- Heavy analysis of business systems, corporate missions and workflow to configure the code to fit each process and tailor data for their best use
- Developed code for desktop and client/server database systems
- Problem solved integration issues between data capture equipment and output resources. Developed Crystal Reports

Project Technologies

Clipper, Easytrieve, Crystal Reports 6.4, VBA for Excel, VBA for MS Access, VBA for Word

Menusoft Systems	November 1998 to July 1999
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Position Title

Visual Basic Programmer

Accomplishments

- Full life cycle development of enhancements for the product Digital Dining for Windows
- Developed several inter office applications for business workflow
- Created an online user manual and help guides
- Problem solved integration issues between data capture equipment and output resources. Developed Crystal Reports
- Developed application automated the conversion of product documentation, including User Guides and other help manuals from MS Word documents to the automated help files for the product

Project Technologies

Visual Basic 5.0, Crystal Reports 5.0, Visual FoxPro, VBA, Visual Source Safe 5.0, ErWin, Visio, ANSI SQL, ROBOHelp

Snelling & Snelling	April 1998 to October 1998
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Position Title

Programmer

Accomplishments

- Develop, Upgrade and maintain Visual Basic applications with Oracle, MS SQL and MS Access back ends and applications
- Managed multiple clients and multiple projects
- Network Engineering duties, including COTS integration, T1 connectivity and Windows NT server administration and management
- Web server and IIS systems management. HTML programming. Developed Crystal Reports

Project Technologies

MS Word, MS Excel, MS Access, VBA, MS SQL 5.0, Oracle 7.5, HTML, Networking and connectivity management, NT Administration, VBA, Visual Basic 4.0, Crystal Reports 5.0

OmniSystems	September 1997 to April 1998
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Position Title

Programmer

Accomplishments

- Develop, debug and maintained MS Access databases and applications
- Developed Word templates using VBA MS Access back ends. Enhanced reports

Project Technologies

Visual Basic 4.0, VBA, MS Access, Crystal Reports, ANSI SQL

Aeorotek (GE Fanuc)	April 1997 to September 1997
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Position Title

Software Test Engineer

Accomplishments

- Developed, upgraded and maintained application testing scripts
- The scripts would test the HMS CIMPLICITY and CIMPLICITY applications
- Switches and hubs at each testing station would be seen registering the values sent through clicks, registries, and LED readouts to determine test success or failure aside from QA Partner exposing syntax errors
- Developed and implemented automated test suites
- Each suite would simulate a particular use of the application depicting robotic arms or car wash sequences
- Confirmed errors within the application verified resolutions and generated findings and error reports
- Regression testing

Project Technologies

QA Partner 4Test, C++, CIMPLICITY, HMS CIMPLICITY

Litton Marine	February 1995 to April 1997
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Position Title

Associate Engineer

Accomplishments

- Supervised temporary and student employees
- Full Life Cycle Development of various projects for support of the radar and sensor division Digital and Video Signaling, Low level programming and Systems Engineering
- Assembly language and DOS programming
- Multi-project development
- Converted C application to Visual Basic 4.0, using Access as the backend and Crystal Reports (then a part of VB) for reporting Used GPIB/HPIB codes to send the appropriate code to move positioners

- send and receive the signals from the DSP through the antennae at a given set of frequencies picked up by the receiver and returned to the application which would record it, and run the next test
- The digital signal processors, microwave antennae, and positioner all had their own set of codes transported in FIFO format that the application would use to mimic the horizon and a ship at sea within an anechoic chamber to get readings to test and establish standards for a given antennae or antennae type
- Switches and hubs at each testing station would be seen registering the values sent through clicks, registries, and LED readouts to determine test success or failure aside from QA Partner exposing syntax errors
- Expanded the programmability feature to set up testing parameters and tests to run at certain times or in certain sequence

Project Technologies

Visual Basic (3.0 – 4.0), PVCS, GPIB, Digital Signal Processing, C, C++, DOS Batch file programming