**Objective**

To obtain a position with a company that can fully utilize my programming skills in a manner that allows me to fulfill my potential and increase my knowledge.

**Work History**

**02-2016 – 09-2016 Allscripts Inc. (Software Developer)**

* Redesigned the UI for MonDev program that sent data from medical devices to servers.
  + Used C# for this.
* Wrote a shared memory DLL in C++ for looking for invalid ID numbers. Could process over 10,000 records in less than 2 seconds.
* Worked on WiX installer for SIM product. I created dialogs and custom actions in C#.
* Created installation packages for SIM product using Cruise Control.
* Used TFS for source control of code that I wrote or modified.
* Placed by Insight Global.

**09-2015 – 12-2015 Measurement Inc (C#.Net Developer/Report Designer/Data Analyst)**

* Created interactive graphical report using iTextSharp and C#.
  + Wrote a C# app to do on the fly measurement conversions to insure proper placement of the graphic elements.
  + Used Adobe Illustrator to fine tune graphic elements, e.g. reduce pixilation.
* Created coversheets and barcode label sheets for standardized tests using Crystal Reports 11.
* Wrote stored procedures and functions in T-SQL to process incoming student demographic data. This required extensive string manipulation and data conversions, such as parsing strings into dates.
* Placed by Piper Enterprises.

**04-2015 – 06-2015 TMW Systems (C#.Net Developer)**

* Build robust software using C# .NET, XML, SQL and SSIS.
* Applied complex data scrubbing, data patching and data validation techniques to insure rock solid integration and data integrity.
* Designed and develop user friendly portals.
* Designed and created services and system architecture for your projects and contributed and provided feedback to other team members.
* Participated in brainstorming sessions and contributed ideas to our technology, algorithms and products.
* Dove into difficult problems and successfully delivered results on schedule.

**12-2014 – 02-2015 SAS Institute (ColdFusion Web Developer)**

* Worked on the SIM (Strategic Internal Marketing) and GMS (Global Marketing Solutions) applications. On a daily basis I used the following technologies:
  + ColdFusion
  + MySQL
  + HTML
  + CSS
  + Javascript and jQuery
* Performed a number of bug fixes.
* Created Query of Queries to join data from two databases that were on separate servers.
* Used jQuery/CSS to improve the appearance of the Marketing Planning Tool, which is a jQuery control (FullCalendar) used to track marketing deliverables.
* Placed by Greene Resources.

**04-2014 – 09-2014 DHHS (Web Developer)**

* Worked on the Attestation Validation and MIPS Portal applications. On a daily basis I used the following technologies:
  + SQL Server 2012 (T-SQL)
    - Wrote and modified numerous stored procedures for CRUD operations.
  + C#
  + ASP.NET
  + HTML
  + CSS
  + Javascript and JQuery
* Performed numerous bug fixes (fixed over 50 bugs).
* Built over 40 new web pages for the new Meaningful Use requirements.
* Placed through TekSystems.

**02-2012 – 04-2014 Viztek (Application Developer/Data Analyst)**

* Created the following applications in C#.
  + Monitor progress of records being inserted into database.
  + Windows service to monitor Windows Services and notify users via e-mail if they stop running.
  + Purge old data from SQL Server database by date range entered by user with logging to track which records were deleted, success/failure and any errors encountered.
* Designed XML reports using TX Control and fyiReport Designer.
  + Created a set of base templates to speed up the creation process and save labor costs.
  + Used Adobe Photoshop to touch up client logos for reports.
* Created custom reports using Report Builder 3.0.
* Created MVC project to track RMAs for the RMA manager.
* Used SQL Server 2008/2012 Management Studio to create SQL queries for customer reports.
  + Integrated with Excel 2007/2010 for complex data analysis spreadsheets using filtering and multiple parameters.
* Set up Ubuntu Server for implementing Modular Object-Oriented Dynamic Learning Environment (Moodle).
  + Created web pages using PHP/MySQL to allow tracking of training classes taken.
* Installed HL7 projects for clients to enable integration between our PACS software and other vendors EMR/EHR software.
  + This requires rewriting parts of the C# code in the HL7 software.

**12-2009 – 02-2012 Highland Express (Developer/IT Support/Web Master/Sys Admin/Network Admin)**

* Managed all aspects of IT for an 11 person office with 350 drivers all over the United States.  I was the Network Admin, Systems Admin, DBA, Webmaster, Web Developer, .NET Programmer (C# .NET) and Help Desk.
* Designed, coded and tested C# .NET program to track employee vacation time usage and accrual by using Windows Forms connected to a SQL Server 2008 database.
* Created ASP.NET website to connect to SQL Server 2008 database using C#.NET as the code behind language.
* Converted a Windows XP machine into a server running Windows 2008 Server (Standard Edition)
* Set up Active Directory and Print Server and connected all printers and user computers to server.
* Set up a new Dell PowerEdge T310 server with Windows Server 2008 R2 and SQL Server 2008 R2.
* Migrated Active Directory and data from old server to new.
* Installed and set up MS SQL Server 200 R2.
* Created and maintained several databases related to the business, e.g. vehicle maintenance and employee data.
* Migrated several Access 2007 databases to SQL Server 2008.
* Set up and configured Linksys WRVS4400N and Linksys RV082 routers to allow wireless access and VPN access to network.
* Used Greenbow VPN and Shrew Soft client to set up IPsec VPN tunnels.
* Also set up Hawking Technologies Wireless Access Point and Range Extender.
* Set up website using GoDaddy hosting and domain services.
* Used Adobe Standard to convert MS Word forms to Adobe PDF forms and published them on the website so people could fill them out and e-mail them to us.
* Set up new computers and maintained existing equipment.

**05-2008 – 10-2009 Health Risk Partners, LLC (Web Developer/Programmer)**

* Designed, coded and debugged ASP.NET web pages to handle reconciliation of Medicare/Medicaid data for our clients, some of the biggest health insurers in the country.
* Used JavaScript/AJAX/JQuery and Visual Basic code to automate web pages and to enhance client side performance and add visual special effects.
* Created both client side and server side scripts as well as user interface for web pages.
* Created T-SQL stored procedures to handle data manipulation.
* Assisted in creation of application to import and download patient charts in PDF format for in-house coders to process.
* Tools used: Visual Studio 2003 .NET, Visual Studio 2005, Visual Studio 2008, Crystal Reports, SourceGear Vault, TFS and SQL Server 2005.
* Placed through Code X, Inc. (CXI)

**05-2006 – 05-2008 CapitalOne (Programmer/Data Analyst)**

* Designed, coded and used Visual Basic programs and SQL queries to retrieve and/or create test data for various departments as part of the ongoing system upgrade
* Created T-SQL statements to handle user data requests in MS Access
* Created Windows script to automate data transfers in MS Excel
* Used Excel 2003 with VBA macros to automate data collection and manipulation
* Created Visual Basic .NET 2005 project to connect to Access database to automate SQL queries created in database. Also allowed users to create ad hoc queries by filling in text boxes with criteria that was programmatically transformed into a SQL query.
* Used Access 2003 with VBA and SQL to create and automate data reporting and collection
* Ran and modified QTP scripts to refresh account data
* Placed through Comsys

**10-2005 – 05-2006 Bell Tech.logix (Programmer/Web Developer)**

* Web Developer using ColdFusion and SQL Server
* Designed, coded and tested web pages using DreamWeaver and HomeSite to track status of computer repairs for Henrico County schools
* Web pages connected to a SQL Server database
* Used web enabled XML to send and receive shipping data from UPS website
* Created stored procedures and queries using T-SQL

**07-2005 – 09-2005 All American Painting (Bookkeeper – Temporary position)**

* Bookkeeper using QuickBooks Pro 2003
* Balanced bank and credit card accounts
* Prepared financial statements and reports
* Created and organized account files for quicker access
* Entered all pending bills, invoices, payments received
* Set up and maintained Windows XP network on office computers
* Placed through Accountemps

**03-2005 – 07-2005 - Circuit City (Temporary position)**

* Process estimates for approval/denial
* Used MS Excel 2003 for entry and tracking of estimates
* Created database in MS Access 2003 to track processed estimates and generate reports
* Placed through Venturi Staffing

**09-2004 – 11-2004 – AB&T (Database Designer – Temporary position)**

* Designed an MS Access 2000 database to track orders between multiple vendors and product lines using relational database design techniques
* Wrote Visual Basic code to import text files in Access tables and Excel spreadsheets
* Placed through Manpower

**07-2004 – 09-2004 – Ernie Winters (Graphic Designer – Freelance position)**

* Created screenshots for an E-book about Paint Shop Pro 8
* Used SnagIt to create the screenshots.
* Used Adobe Photoshop to modify them.

**12-2003 – 6-2004 – BrainTrain (Business Coordinator)**

* Execution of a variety of duties, which included:
  + Accounting entry using QuickBooks inclusive of accounts receivable, accounts payable, invoicing, order entry and purchasing
* Packaged and shipped software orders to customers using UPS, FedEx and US Mail
* Responded to customer calls to register software
* Helped plan and organize conventions/conferences for company personnel
* Coordinated purchasing duties for various office supplies, computer equipment and implemented cost effective price decreases

**03-2003 – 09-2003 – IPC Technologies (Consultant)**

* Worked at Philip Morris as technical support for Windows XP rollout
  + Managed phone calls from employees who had database (ODBC) connectivity issues, routine MS Office XP and Windows XP questions
  + Solved said problems through the use of Windows Remote Assistance and Active Directory
  + Wrote Visual Basic programs for automating data collection and researched file compatibilities for different software packages
  + Maintained and designed queries on MS Access XP/SQL Server 2000 databases
* Worked at Virginia State Corporation Commission for Office XP upgrade project
  + Converted MS Access 97 databases to MS Access XP
  + Converted Word Basic macros to Visual Basic for Applications (VBA)
  + Performed testing on converted databases/macros to verify all functionality was intact

**Education and Certifications**

* A.A.S. in Computer Information Systems, Commonwealth College, graduated Summa Cum Laude.
* MS Office Certified Specialist in MS Access and Excel.
* Completed 45 online Skillport courses covering SQL Server, ADO.NET and VB .NET

**Computer Skills**

Application Servers IIS, Ubuntu, Windows Server

Tech/Languages .Net Framework, ASP.NET, C#, WinForms, VB.NET, ADO.Net, Web Services, XML, VBA, Active Directory, SQL, T-SQL, VBScript, JavaScript, MySQL

Development Tools Visual Studio, Code Lobster

Reporting Tools Crystal Reports, SSRS

Database MS SQL Server, MS Access, MySQL

Version Controls Visual Source Safe, SourceGear Vault, TFS

Graphics Programs Adobe Photoshop

Web Development MS Expression Web, HTML, CSS

Accounting Tools QuickBooks Pro

References available upon request