

Christopher C. Weber

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Education

September 1990 – May 1995
Michigan State University
Lyman Briggs School of Natural Science
Received Bachelor of Science degree, majoring in Computer Science

Employment

February 2000 – Present
Senior Consultant
Renegade Consulting, Incorporated
Royal Oak, Michigan

As the founding member of Renegade Consulting, it has been my goal to help my clients become more flexible in how they operate their businesses, more accessible to their costumers and employees, and more available to new opportunities by use of the latest Internet technologies.

August 1999 – February 2000
Consultant
Ambassador Consulting
Mishawaka, Indiana

As a sub contractor for Ambassador, I served as the development lead for Amway's European Affiliate's Internet Starter Kit. The goal of this project was to create one standard e-commerce site that could be distributed and utilized by all of Amway's European affiliates. My responsibilities included determining project requirements, site design, and site development.

July 1998 – August 1999
Senior Developer
O/E Systems Enterprise Solutions
Troy, Michigan

As a senior developer for O/E systems, I was responsible for project requirements gathering, resource estimations, vision scope documentation, risk assessment documentation, statement of work creation, and functional specification documentation in addition to leading development teams utilizing the latest technologies. My expertise with Visual Basic, SQL Server, COM development, ASP, and e-commerce technologies was greatly advanced due to several Internet projects for the automotive industry.

February 1998 – July 1998
Staff Consultant
O/E Systems Enterprise Solutions
Troy, Michigan

As a staff consultant at O/E, I was thoroughly trained in Microsoft Solutions Framework, Joint Application Design, and Data Modeling. I used these techniques to assist my customers in achieving their business goals through the creative and effective use of information technology.

May 1995 – February 1998
Computer Programmer
Corporate Resources International, Inc.
Bingham Farms, Michigan

Corporate Resources, an Inacom company, was an internal/external computer inventory company. My main responsibilities included: Database development and maintenance; Determining areas that could be improved through software, then developing and implementing that software; Maintaining a "helpdesk readiness" so the CRI staff could call with hardware and software issues; Building a strong client relationship, to help achieve the client's expectations of the final product.

February 1995 – May 1995

Data Analysis

Corporate Resources International, Inc.
Bingham Farms, Michigan

During my internship with Corporate Resources, I was responsible for importing, organizing, manipulating, and exporting client data. These goals were reached through the use of existing and self-created software.

Computer Skills

Programming Languages: ASP.NET, C#, C++, DHTML, HTML, JavaScript, VB.NET, Visual Basic, Visual Basic for Applications, Visual Basic Script, SQL, XML
Operating Systems: Windows XP, Windows 2000, Windows 95, Windows 98, Windows NT
Data Management Abilities: Data Analysis, Data Modeling, Database Design
Database Technologies: Access, Oracle, SQL Server
Developer & Case Tools: Visual Studio.NET, Visual Basic, Visual C++ (Microsoft), Visual InterDev, Visual SourceSafe
Development Abilities: Develop Functional Specifications, Develop Technical Specifications, Developer User Interface Design (GUI), Development Code Review and Checking
Management Abilities: Building & Managing Teams, Lead Small Teams (1-5)
Methods, Standards, & API: .NET Foundation, Active X, ADO (ActiveX Data Objects), ASP (Active Server Pages), COM (Microsoft), DAO (Data Access Object), DCOM (Microsoft), ODBC, RAD (Rapid Application Development), JAD (Joint Application Development), MSF (Microsoft Solution Framework)
Planning and Project Abilities: Lead Medium Projects (3-12 Months), Lead Short Projects (1-3 Months), Project Leadership, Project Scheduling
Web and Application Servers: IIS (Internet Information Server), MTS (Microsoft Transaction Server)
Web Design & Development: FrontPage, Site Server
Technology Specialties: Access, E-commerce, Internet, Web Based Applications

Certifications

Microsoft Access for Windows 95 and the Microsoft Access Developer's Toolkit
Microsoft Certified Professional

Project History

End Client: **Caterpillar**
Project: Strategic Sourcing (Three Unique Commodities)
Technologies: Microsoft Access, Microsoft Excel, SQL, PDF



As the managing data consultant, I oversaw the design, programming, and management of all data aspects of several strategic sourcing initiatives. Sourcing is the process of achieving savings by obtaining lower prices from a company's current part suppliers or re-sourcing particular parts to new suppliers who have lower production costs. Lower prices are obtained by identifying viable suppliers and then creating a competitive atmosphere by having those suppliers bid for business. Downward pressure is placed on the final quote by having three rounds of bidding including feedback reports provided to the suppliers informing them of their standing in the market compared to the lowest viable quote.

Applications written to accomplish the goals of these initiatives included:

- Request for information (RFI) upload, from Excel templates, and reporting database/tools
- Request for proposal (RFP) upload, from Excel templates, and reporting database/tools
- Supplier feedback and other report exports to Excel and PDF formats

Commodities sourced included: Castings, Edges, and Forgings

End Client: **DaimlerChrysler**
Project: Stampings Survey
Technologies: Microsoft Access, Microsoft Excel, SQL, PDF



As the lead developer, I designed, programmed, and managed all the data involved with a stampings survey initiative. Data collected, via a Microsoft Excel form, was uploaded into an Access database, organized, and exported to a data model. From the data model, the end client could determine "should" costs for similar parts. Armed with this information, the end client was better informed and could negotiate for lower prices on new parts similar to those in the survey or the identical parts surveyed when those individual contracts were up for bid.

Applications written to accomplish the goals of this initiative included:

- Automated email programs
- Unique request for proposal (RFP) generation based on the parts provided by each individual supplier
- RFP upload, from Excel templates, and reporting database/tools

End Client: **Night Hawk Security**
Project: Nation Wide Background Check
Technologies: SQL Server, COM, MTS, IIS, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML, XML



As the support developer, I assisted in the design and development of a .NET application for Night Hawk Security. Night Hawk is a personal background check corporation. The application that was developed allows their customers the ability to enter the name and/or social security number of a potential employee, student, renter, or any type of business associate and search for any convictions that individual may have on their public record at the national or local level.

End Client: **DaimlerChrysler**
Project: Collaborative Tooling Cost Reduction (CTCR)
Technologies: Microsoft Access, Microsoft Excel, Microsoft PowerPoint, SQL, PDF



As the lead developer, I designed, programmed, and managed all the data involved with a tooling survey initiative. Data collected, via a Microsoft Excel form, was uploaded into an Access database, organized, and exported to a data model. From the data model, the end client could determine "should" tooling costs for similar parts. Armed with this information, the end client was better informed and could negotiate for lower tooling costs on new parts similar to those in the survey.

Applications written to accomplish the goals of this initiative included:

- Automated email programs
- Unique request for proposal (RFP) generation based on the parts provided by each individual supplier
- RFP upload, from Excel templates, and reporting database/tools
- Supplier feedback and other report exports to Excel, PDF, and Microsoft PowerPoint formats

Commodities analyzed included: Castings, Forgings, Stamping, and Fixtures/Gauges

End Client: **Faurecia**
Project: Strategic Sourcing (Stampings)
Technologies: Microsoft Access, Microsoft Excel, SQL, PDF



As the managing data consultant, I oversaw the design, programming, and management of all data aspects of a stampings strategic sourcing initiative. Sourcing is the process of achieving savings by obtaining lower prices from a company's current part suppliers or re-sourcing particular parts to new suppliers who have lower production costs. Lower prices are obtained by identifying viable suppliers and then creating a competitive atmosphere by having those suppliers bid for business. Downward pressure is placed on the final quote by having three rounds of bidding including feedback reports provided to the suppliers informing them of their standing in the market compared to the lowest viable quote.

Applications written to accomplish the goals of these initiatives included:

- Mass email programs
- Request for information (RFI) upload, from Excel templates, and reporting database/tools
- Request for proposal (RFP) upload, from Excel templates, and reporting database/tools
- Supplier feedback and other report exports to Excel and PDF formats

End Client: **DaimlerChrysler**
Project: Data Collection Routine (DCR) or Idea Analysis
Technologies: IIS, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML, Microsoft Access, Microsoft Excel, Microsoft PowerPoint, SQL



As the lead developer, I designed and developed 100% of a .NET application used to input, organize, and export cost reduction ideas for several different commodities. Workshops were held with part suppliers to collect ideas in "brainstorm" sessions. Some ideas were rejected due to incompatibility or being impractical, but participants were encouraged to provide any and all ideas that may be effective. After being entered into the system, the application user could export the ideas and then group compatible ideas together into different design solutions. The best design solutions were then identified, tested and implemented to provide the highest savings available to the end client.

Commodities analyzed included: Seats, Exhaust, and Exterior Lighting.

End Client: **DaimlerChrysler**
Project: Complexity Reduction
Technologies: Microsoft Access, Microsoft Excel, Microsoft PowerPoint, SQL



As the lead developer, I designed and programmed 100% of an Access application used to generate complexity trees based on data uploaded for particular drivers for an individual commodity. Features of this application included the ability to arrange the priority of drivers and to export the data to a PowerPoint graph. Once the data was in a "tree" graph, an observer could visually determine other areas of commonality. By adjusting the priority of certain drivers, the complexity of the tree could be further reduced.

End Client: **DaimlerChrysler**
Project: Strategic Sourcing (Six Unique Commodities/Projects)
Technologies: Microsoft Access, Microsoft Excel, SQL, PDF



As the lead developer or managing data consultant, I designed, programmed, and managed or oversaw those processes for all data aspects of several strategic sourcing initiatives. Sourcing is the process of achieving savings by obtaining lower prices from a company's current part suppliers or re-sourcing particular parts to new suppliers who have lower production costs. Lower prices are obtained by identifying viable suppliers and then creating a competitive atmosphere by having those suppliers bid for business. Downward pressure is placed on the final quote by having three rounds of bidding including feedback reports provided to the suppliers informing them of their standing in the market compared to the lowest viable quote.

Applications written to accomplish the goals of these initiatives included:

- Mass email programs
- Request for information (RFI) upload, from Excel templates, and reporting database/tools
- Request for proposal (RFP) upload, from Excel templates, and reporting database/tools
- Supplier feedback and other report exports to Excel and PDF formats

Commodities sourced included: Hinges, Coil Springs, Racks and Containers, Baffles, Heat Shields, and Glass.

End Client: **Federal Mogul**
Project: Supplier Part Survey
Technologies: Microsoft Access, Microsoft Excel, SQL



As the lead developer, I designed, programmed, and managed all the data involved with a supplier survey initiative. Data collected, via a Microsoft Excel form, was uploaded into an Access database, organized, and exported to a data model. From the data model, the end client could determine "should" costs for similar parts. Armed with this information, the end client was better informed and could negotiate for lower prices on new parts similar to those in the survey or the identical parts surveyed when those individual contracts were up for bid.

End Client: **Visteon**
Project: Metrics Database Upgrade
Technologies: SQL Server, Microsoft Access, Microsoft Excel, SQL



As the lead developer, I performed the upgrade of an existing Microsoft Access database to Microsoft SQL Server. The existing database was used to analyze Accounts Receivable (AR) data from the end client's primary accounting database. After making the initial code adjustments necessary to connect to the new database, I also added several applications enhancements including a notes management process, ad-hoc reporting, and export functions to Microsoft Excel.

End Client: **Caterpillar**
Project: Small Parcel Price Comparison
Technologies: SQL Server, IIS, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML



As the lead developer, I designed, programmed, and managed all data aspects of a small parcel price comparison initiative. This initiative involved building a web interface that would allow users to upload new price sheets from shipping providers and perform "what if" reports to see what the client would be billed over the past year if the new prices had been in place. Price sheets included several price breaks based on number of shipments in certain weight categories and overall monthly spend. Armed with this application, the end client could better negotiate new terms with their current shipping supplier or assemble new terms that were more beneficial with a new provider.

End Client: **LoanCraft**
Project: Automated Credit
Technologies: Microsoft Advanced Server 2000, SQL Server 2000, COM, MTS, IIS, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML, XML



As the lead developer, I designed and developed 100% of a .NET application for LoanCraft, a loan processing company, which allows their customers the ability to enter borrower information into an application screen and receive quotes back on the best loan plans available for that individual. This functionality has greatly improved LoanCraft's ability to positively serve their customers.

End Client: **USDA Forest Service**
Project: Tree Failure Program Version 2.0
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML



As the lead programmer, I redeveloped an online tree failure tracking system to take advantage of the latest .NET technology from Microsoft. For this project, I determined all of the system requirements, modeled and developed the backend database, laid out all development tasks, and performed 100% of the application development. The resulting application will be used by the end client to input, manage, and report on tree failure information across the country.

With the decision tree nature of this project (If the user answers A proceed on path 1, or if the user answers B proceed on path 2), it is well suited for the layered form approach available with .NET web forms. The user will have the appearance of interacting with several different pages of questions, while actually only one web form will be walking them through the data gathering process.

By using the .NET technology, the application's code will be streamlined and the database will remain "clutter-free". The overall effect for the Forest Service will be a decrease in maintenance costs and better data collection, information presentation, and user interaction for their end users.

End Client: **LoanCraft**
Project: Document Management
Technologies: Microsoft Advanced Server 2000, SQL Server 2000, COM, MTS, IIS, ASP.NET, VB.NET, .NET Framework, ADO.NET, JavaScript, HTML, DHTML, XML



As the lead developer, I designed and developed 100% of a .NET application for LoanCraft, a loan processing company, which allows them to group, manage, and track the large quantity of documents involved in successfully closing a loan. Features of the application include versioning of documents, allowing coexistence of similar documents like pay-stubs, and the generation of a "Decision Package" PDF that puts all of the documents into one file and allows for easy document navigation via PDF bookmarks.

End Client: **TransUnion Flood Compliance Solutions**
Project: Instant Flood Response XML Interface
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 7.0, Oracle 8i, Visual Basic, COM, DCOM, VB Script, JavaScript, HTML, DHTML, XML



As the lead developer I designed and developed an XML application, according to an outside client's specifications, that would allow TransUnion's customers to receive flood certifications on home and business properties based on an incoming XML string. This process makes it possible for TransUnion clients to automate their interaction with the Instant Flood Response application in addition to entering data via the normal web interface.

End Client: **Federal Mogul**
Project: Executory Contracts Review
Technologies: Microsoft Access 2000, Microsoft Excel 2000, SQL



As the lead developer, I designed, programmed, and managed all of the executory contract information for Federal Mogul. This application was designed to assist my client's personnel as they performed sourcing negotiations as a part of Federal Mogul's bankruptcy proceedings. This application aided the project's team in saving Federal Mogul several million dollars.

End Client: **USDA Forest Service**
Project: Tree Failure Program
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online tree failure tracking system, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application is used by the end client to input, manage, and report on tree failure information across the country.

End Client: **USDA Forest Service**
Project: Special Technology Development Program
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online proposal management system, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application is used by the end client to input, manage, and report on project proposals and yearly updates for the USDA Forest Service.

End Client: **TransUnion Flood Compliance Solutions**
Project: Hit Rate Report
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 7.0, Oracle 8i, Visual Basic, COM, DCOM, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online reporting tool, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application is used by the end client to report on statistics on the performance of TransUnion's Instant Flood Response application.

End Client: **USDA Forest Service**
Project: Non-Native Invasive Insects and Pathogens
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online insects and pathogens tracking system, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application is used by the end client to input, manage, and report on insects, pathogens, and scientific experts across the United States.

End Client: **SM³ Realtime**
Project: SM³ Version 2.0
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, Visual Basic, COM, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online supply chain management system, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 90% of the application programming. The resulting application is used by the end client to track the event-driven production of a commodity and to monitor supplier performance for the automotive industry.

End Client: **USDA Forest Service**
Project: Digital Sketch Mapping Equipment
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 2000, VB Script, JavaScript, HTML, DHTML



As the lead developer building an online asset management system, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application is used by the end client to input, manage, and report on asset information stationed across the country.

End Client: **TransUnion Flood Compliance Solutions**
Project: Instant Flood Response
Technologies: Microsoft Advanced Server 2000, IIS, MTS, Active Server Page, SQL Server 7.0, Oracle 8i, Visual Basic, COM, DCOM, VB Script, JavaScript, HTML, DHTML



As the lead developer on a team stabilizing an existing web application, my main responsibility was to troubleshoot TransUnion's Internet application and to resolve any issues I discovered. The main enhancements I made to the existing process was converting their data interface from a FoxPro database to Oracle, converting their user interface from Access to SQL Server, migrating their application from IIS 4 running on an NT web server to IIS 5 running on a Window2000 web server, and assisting in establishing a load balanced web environment where multiple machines evenly share the incoming Internet requests. The end result is a faster, highly scalable, and more reliable application.

End Client: **I*Logic**
Project: DataManager 2.0
Technologies: Microsoft NT 4, IIS, MTS, Active Server Page Development, SQL Server, Visual Basic, COM, VB Script, JavaScript.



As the lead developer on a team converting a client server application to a web interface, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, managed 100% of the programming of the development tasks, and performed 25% of the application development. The resulting application is used by I*Logic to input, manage, and report on containerization and material flow information for the automotive industry. Containerization and material flow is the process of tracking how a part is shipped from the manufacture to the automotive plant and then how the part moves through the plant until it is finally used in the assembly of an automobile.

End Client: **Amway**
Project: European Affiliate's Internet Starter Kit
Technologies: Microsoft NT 4, IIS, MTS, Active Server Page
Development, SQL Server, COM, VB Script,
JavaScript, and Site Server Commerce.



As the lead developer on a team creating an Electronic-Commerce site for Amway, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 100% of the application development. The resulting application was designed to serve as a standard Electronic-Commerce site that could be distributed and utilized by all of the Amway's European affiliates. I spent a significant amount of time overseas meeting and gathering project requirements from managers representing six different countries. Translation of the site into several languages (localization) and interfacing with an AS/400 were unique challenges of this project.

End Client: **Ford Motor Company**
Project: iCollection.com
Technologies: Microsoft NT 4, IIS, MTS, Active Server Page
Development, SQL Server, COM, VB Script, Java
Script, and Site Server Commerce.



As the lead developer on a team creating an Electronic-Commerce site for Ford Motor Company, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, managed 100% of the programming of the development tasks, and performed 20% of the application development. Once completed, Ford Motor Company used the Website for marketing the products of several different vendor lines to an existing dealer base, employees, and the retail public.

End Client: **SPX Corporation**
Project: Dealer Tool Compliance
Technologies: Visual Basic 6.0, Access, Crystal Reports.



As the lead developer on a team creating a Visual Basic application for SPX Corporation, a major automotive supplier, I designed, performed 50% of the application development, and implemented a database driven application, which produced required product listings based on the franchise codes of a particular dealership.

End Client: **Helm Incorporated**
Project: Helmlnc.com
Technologies: Microsoft NT 4, IIS, MTS, Active Server Page
Development, SQL Server, VB Script, Java Script, and
Site Server Commerce.



As a developer/analyst on a team creating an Electronic-Commerce, database driven Website, I performed 25% of development tasks for an application used for marketing Helm's product line to an existing dealer base and the retail public.

End Client: **University America**
Project: UniversityAmerica.com
Technologies: Microsoft NT 4, IIS, MTS, Active Server Page
Development, SQL Server, VB Script, Java Script, and
Site Server Commerce.



As a developer/analyst on a team creating an Electronic-Commerce, database driven Website, I performed 33% of the development tasks for an application used for marketing University America's off lease equipment to businesses, educational institutions and the general public.

End Client: **D-M-E**
Project: Digital Catalog
Technologies: Visual Basic, Access, HTML, Java Script, C++



I performed as the lead developer on a team creating a Digital Catalog used to publish D-M-E's Product Catalog on the Internet and to CD-ROM. As the lead developer, I determined all system requirements, modeled and developed the backend database, detailed all development tasks, and performed 80% of the application development. The resulting application was a database driven Website designed to be customized and administered by the customer. This Digital Catalog was later enhanced with Java Script to allow the customer to create and submit an order for prompt processing.

End Client: **SBC Communications Inc.**
Project: Cable Modem User Registration
Technologies: C++, Visual Basic, Access, SQL Server



As the lead developer, I designed, performed 90% of the application development, and implemented a middle-ware application for SBC in Washington D.C. This complex solution consisted of a C program to add users to a Primary Domain Controller, a cron batch program to add records to a COM21 database, an Access97 gateway to pull data from a AS400 and push data to a SQL Server, and an ASP page running on a NT server that would allow users to edit data on the AS400.

End Client: **General Motors Corporation**

Project: Automated Tax Generation

Technologies: Visual Basic, Access, Excel



As the Lead Developer for Corporate Resources, I designed, performed 80% of the application development, and implemented an inventory management system. This system utilized hard copy forms, data entry, and extensive normalization querying on individual Access 95 databases. At the year's end, all these databases were merged together to allow the system to automatically generate Federal Tax Returns for physical assets based on plant codes.

End Client: **International Business Machines Corporation**

Project: Apollo

Technologies: Access, Visual Basic for Applications



As the Lead Developer for Corporate Resources, I designed, performed 80% of the application development, and implemented a database application to house a large scale reconciliation deal: This database housed over two hundred thousand assets, divided over fifteen thousand locations nationwide.

End Client: **Asset Management Resources, Inc.
(Formerly Corporate Resources International, Inc.)**

Project: Asset Management

Technologies: Borland's Turbo C++, Access, NetCensus



As the Lead Developer for Corporate Resources, I designed, performed 100% of the application development, and implemented an inventory management system. This system utilized hand held computers for physical data collection, and Tally's NetCensus for internal discovery. The information from both of these processes was then loaded into a central database, normalized, and exported into the NetCensus database for final distribution to the client. This system was used to perform asset inventories on hundreds of different clients.

Personal

Objective: To help my clients become more flexible, accessible, and available to opportunity.

Interests: Horseback riding, hiking, camping, swimming, and water skiing.

References: Available upon request.