

Christopher M. Klaus

Profile:

Overview	A well rounded professional with extensive experience in engineering, administration, and maintenance of information solutions and information technology. Proven ability to design and build a new datacenter. Significant web and software development experience. Strong “hands on” expertise with interfacing enterprise applications to meet business needs. Over 15 years of experience solving complex problems.															
Experience Summary	<table style="width: 100%; border: none;"> <tr> <td>Project Management: 9 yrs</td> <td>Proposal Writing: 6 yrs</td> <td>Application Development: 13 yrs</td> </tr> <tr> <td>Web Development: 15 yrs</td> <td>Data Visualization: 5 yrs</td> <td>Content Management: 8 yrs</td> </tr> <tr> <td>Website Design: 11 yrs</td> <td>Data Modeling: 5 yrs</td> <td>Training / Teaching: 6 yrs</td> </tr> <tr> <td>Website Analytics: 8 yrs</td> <td>Dreamweaver: 7 yrs</td> <td>System Administration: 12 yrs</td> </tr> <tr> <td>SEO Analysis: 5 yrs</td> <td>R&D: 8 yrs</td> <td>Database Administration: 8 yrs</td> </tr> </table>	Project Management: 9 yrs	Proposal Writing: 6 yrs	Application Development: 13 yrs	Web Development: 15 yrs	Data Visualization: 5 yrs	Content Management: 8 yrs	Website Design: 11 yrs	Data Modeling: 5 yrs	Training / Teaching: 6 yrs	Website Analytics: 8 yrs	Dreamweaver: 7 yrs	System Administration: 12 yrs	SEO Analysis: 5 yrs	R&D: 8 yrs	Database Administration: 8 yrs
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Education/Training Summary	BS Physics from Eastern Illinois University (1991) MA Mathematics from Eastern Illinois University (1994) Dreamweaver ACE Certification SGI Cray T3E Applications Programming Certification															

Technical Expertise:

Software	Adobe Creative Suite (Dreamweaver, Photoshop, Flash, Fireworks), Paintshop Pro, GIMP, Apache, Webtrends, Omniture SiteCatalyst, Google Analytics, AWStats, Business Objects XI, Crystal Reports XI, Stellent CMS, OSCommerce, phpBB, SugarCRM, Asterisk PBX, Orchard Harvest LIS, McKesson Practice Plus, McKesson PharmaServ, McKesson Horizon Medical Imaging PACS, McKesson Practice Partners EMR, NextGen EMR, SevaCare, Rosetta, Sage MAS90, Sage Abra, Kaspersky Antispam Gateway, Kaspersky Admin Kit, Kaspersky Anti-Virus, Ping utilities, RDC, Exchange 2007, Citrix Client & Server, Cisco IOS, Amanda, Veritas Backup Exec, Active Directory, WINS, ISXC, CVS, Subversion, MS Office, MS Project, MS Visio
Languages	Perl, PHP, C, SQL, Regex, JavaScript, XHTML, XML, CSS, XLS, XLST, Java, Mathematica, MatLab, Labview, IDL, FORTRAN, sh, csh, tcsh, bash, Forth, GRTensor, GRASS, PGAPack, TCL/TK, HPF, GAP
APIs	Commission Junction, Amazon eCommerce, XLS, JSP, Servlets, HL7, OpenGL, Google Maps, Google AdWords, Flickr, MPI, GNU Plot
Databases	Oracle 10g & 11g, MS SQL Server 2005, MySQL, dBase, Microsoft Access
Systems	Windows (MS-DOS, Windows9x, XP, Vista), Windows Server (2000, 2003), Unix (Solaris, AIX, Sun/OS, HP/UX), Linux (Redhat, Fedora, Ubuntu, Gentoo), MAC OS X, VMWare 3.5
Hardware	IBM BladeCenter chassis, IBM RS/6000 & eServer servers, HP ProLiant DL300 servers, EMC AX4 SAN, RAID Disk Arrays, Brocade Fiber Switches, Cisco Catalyst 6500 & 3700 Series Switches, Cisco 5500 Series Wireless Controller, Cisco ASA 5500 Series Firewall, Hubs, Laptops, Tablets, Workstations, Wyse Thin Clients, APC InfraStruXure, NetBotz 500, APC Smart-UPS 40kVA
Network	LAN, WAN, VPN, Wireless Networks
Protocols	DHCP, DNS, FTP/TFTP, HTTP, IMAP, IRC, NNTP, NTP, POP, RIP, RPC, RTP, SIP, SMTP, SNMP, SOAP, SSH, TELNET, TLS/SSL, TCP/IP, ICMP, ARP, Tunnels, PPP, Ethernet, DLS, ISDN, FDDI

Engagement History:

Director of IT	DeKalb Clinic Chartered (www.dekalbclinic.com)
Project Management	May 2007 – August 2009
Enterprise Architecture	Provided critical direction and strategic leadership to rebuild an ailing information technology infrastructure. Actively managed and participated in implementing and integrating enterprise applications to meet business needs.
ERP Analysis	Activities/Responsibilities/Achievements:
Business Analysis	<ul style="list-style-type: none">• Successfully managed a team of 4 information technology professionals.• Successfully designed, built and moved into a new data center.• Successfully deployed IT network and telecommunications infrastructure for a new building.• Successfully installed and administrated APC InfraStruXure to monitor NetBotz sensors, Cisco Switches, APC Cooling unit, APS UPS and APC PDUs.• Successfully installed and administrated an IBM BladeCenter H with HS21 XM blades, an EMC AX4 SAN with 4 DAEs, and a high availability ESX cluster.• Created 5 VMWare templates and successfully deployed over 20 VM servers.• Successfully installed and maintained MSSQL 2005, Oracle 10g & 11g, MySQL, MS IIS and Apache servers.• Managed enterprise web applications and intranet website.• Formulated strategic plans for integrating and supporting enterprise applications.• Maintained upgrades for few dozen enterprise applications including: Orchard Harvest LIS, McKesson Practice Plus EPM, Sage Abra, Sage Mas-90, McKesson Horizon Medical Imaging PACS, McKesson Practice Partner EMR and McKesson PharmaServ.• Successfully selected and deployed McKesson Horizon Medical Imaging PACS.• Successfully selected and initiated deployment of McKesson Practice Partners EMR.• Successfully migrated to Exchange 2007.• Successfully deployed Kaspersky Enterprise Space Security, including Kaspersky Antivirus and Kaspersky AntiSpam Gateway.• Collaborated with Kaspersky to be one of the first to capture a new network-distributed Trojan and tested Kaspersky's new virus definitions until a resolution was found.• Identified security / compliance problems and proposed appropriate actions.• Coordinate responses to security incidents.• Investigated and proposed Back-up / DR strategy for mission-critical servers.• Chaired EMR, EPM and IT Committees.• Participated in Corporate Compliance and Safety Committees.• Created numerous reports using Crystal Reports XI and Business Objects XI.• Negotiated contracts to save over \$100K in FY08 and over \$250K in FY09.• Implemented regular price updates improving revenue by over \$800K.• Produce annual IT budget and approved IT purchases.
System Administration	
Storage Administration	
Database Administration	
Contract Management	
Vendor Management	
Web Development	
Web Analytics	
Exchange Administration	

<p>Senior Web Developer</p> <p>Project Management</p> <p>Offshore Management</p> <p>Internet Marketing</p> <p>SEO Analysis</p> <p>Web Analytics</p> <p>Web Development</p> <p>Application Development</p> <p>M&A Management</p>	<p>Fastweb LLC, A Monster Company (www.monster.com)</p> <p>May 2006 – May 2007</p> <p>Provided leadership to develop and maintain 25,000 websites, advertising University degree programs.</p> <p>Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Successfully managed a globally disperse team of 4 web engineers. • Attained goal of \$14 million per year in lead generation revenue. • Leveraged Commission Junction's API to improve advertising capabilities. • Improved web analytics and conversion tracking using Webtrends and Omniture. • Executed transfer and integration of websites attained via mergers and acquisitions. • Implemented Monster's best practices for search engine optimization. • Developed web applications using Java & Perl with Oracle and Perl & PHP with MySQL on an Apache cluster. • Investigated the use of Web 2.0 applications for mashups with Monster data.
<p>Web Consultant</p> <p>Web Design</p> <p>Web Development</p> <p>SEO Analysis</p> <p>Web Analytics</p> <p>Flash Development</p> <p>System Administration</p>	<p>Links Technology Solutions (www.linkstechnology.com)</p> <p>March 2005 – June 2006</p> <p>Provided web consulting services to small businesses.</p> <p>Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Produced graphical web designs. Implemented web designs into web templates. • Applied web templates to content supplied by businesses. • Created Flash splash pages and Flash navigation. • Developed and modified dynamic pages using PHP with MySQL and ASP.net with MSSQL. • Purchased and installed security certificates for transmission of private information. • Implemented the use of Amazon Affiliate program to produce advertising revenue streams. • Increased web traffic using search engine optimization and Google AdWords. • Defined requirements purchased and setup hardware and software to meet websites' needs.
<p>Senior Web Applications Developer</p> <p>Web Development</p> <p>SEO Analysis</p> <p>Web Analytics</p> <p>System Administration</p> <p>Database Administration</p> <p>CRM Development</p> <p>Asterisk Development</p> <p>Intern Management</p>	<p>Mighty Hero Comics (www.mightyherocomics.com)</p> <p>August 2005 – April 2006</p> <p>Provided IT strategic leadership for a startup comic book company.</p> <p>Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Managed the Mighty Hero Comics' Information Technology Department. • Supported department needs and promoted collaboration between departments. <ul style="list-style-type: none"> ○ Maintained and customized SugarCRM for customer relationship management and another SugarCRM instance as a Human Resource Information System. ○ Customized and moderated a phpBB for staff forums, and another for a fan forum. ○ Installed WordPress for staff blogging. ○ Setup email accounts for staff members. • Installed and secured Asterisk for a PBX phone system for use by staff, affiliates, and fans. • Tracked web analytics via Google Analytics and AWStats. Prepared basic search engine optimization with Google Sitemap. • Installed and customized OsCommerce for an ecommerce website. • Managed MySQL databases. Automated the import of various data sources containing partner and customer data. • Mentored interns on web development.

Webmaster	Argonne National Laboratory, Advanced Photon Source Division (www.aps.anl.gov)
Web Design	June 2003 – June 2006
Web Development	Provided guidance on web development for the Advanced Photon Source and for other divisions.
Application Development	Activities/Responsibilities/Achievements:
Flash Development	<ul style="list-style-type: none">• Managed over half a million files on the APS website (http://www.aps.anl.gov/).<ul style="list-style-type: none">○ Consulted with management to set a site strategy and prioritize site goals.○ Leveraged user research to improve site usability.<ul style="list-style-type: none">▪ Developed usability tests to review navigational structure.▪ Regularly monitor web traffic to identify site problems.▪ Reviewed and implemented best practices from usability guidelines.○ Designed information architecture and related navigational structures.○ Identified and implemented standards and technologies.<ul style="list-style-type: none">▪ Developed Dreamweaver & Flash templates for APS and APS User websites.▪ Migrated to an XHTML site using CSS and Dreamweaver templates.▪ Provided development / production environments and promote use of CVS.▪ Reviewed open source tools for potential use.○ Facilitated content developers to update older content and produce new content.<ul style="list-style-type: none">▪ Attended APS conferences to identify potential new content developers.○ Collaborated with Oracle DBAs to create JSP templates and develop web applications.○ Collaborated with IT group to define web architecture and shared administration responsibility for APS web servers' hardware and software.○ Defined software requirements for web content developers.• Identified and implemented opportunities for Web Content Management.<ul style="list-style-type: none">○ Initiated migration to Stellent for web content management.○ Assisted with migration to Stellent for drawings and document management.○ Participated in the 3 person technical review of content management systems for use with documents, records, drawings, and web content.• Coordinated APS web development efforts with ANL, APS users, and other synchrotron websites.<ul style="list-style-type: none">○ Represented the APS at the Argonne Communication Council.○ Collaborated with Dana Stasiak to implement and continually refine Dreamweaver templates to meet ANL branding efforts.○ Participated in defining the ANL web site design (http://www.anl.gov/), which won an Award of Excellence from the Society for Technical Communication.• Organized and taught for the ANL web-development training program.<ul style="list-style-type: none">○ Evaluated ANL web community training needs.○ Reviewed and selected training material, then developed and tested training classes.○ Acted as trainer for ANL Dreamweaver MX 2004 classes training ~90 people.○ Produced curriculum for Dreamweaver with PHP and MySQL, Flash, and Fireworks classes.○ Disseminated usability guidelines and accessibility guidelines to ANL web developers.○ Assisted with the hardware and software setup of the training classroom.• Mentored an undergraduate student in web development.<ul style="list-style-type: none">○ Identified tasks appropriate for student skill levels.○ Setup hardware and software required for student's web development efforts.
Brand Management	
Graphic Design	
SEO Analysis	
Web Analytics	
Usability Testing	
Information Architecture	
System Administration	
CMS Development	
Staff Training	
Intern Management	

<p>Adjunct Physics Professor Proposal Writing Thesis Review Student Mentoring</p>	<p>Eastern Illinois University, Physics Department (www.eiu.edu) August 2002 – August 2003 Provided a viewpoint as a researcher at a DOE national research laboratory. Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Member of the Committee to develop a Masters program in Imaging Science. <ul style="list-style-type: none"> ◦ Collaborated on identifying grant opportunities and proposal writing to support the development of a Masters program in Imaging Science. • Member of the Masters Thesis Committee to review Joshua Ravenscraft's thesis. • Defined hardware and software requirements for student research. • Acquired donations of software licenses for student research.
<p>Consultant Multimedia Development Video Editing Graphic Design</p>	<p>Civil Engineering Technical Service Center, Air National Guard (www.ang.af.mil) November 2001 – May 2002 Provide consulting expertise on multimedia development. Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Developed an HVAC training CD. This involved developing a GUI for navigating chapters on the CD, graphic development, and video editing and syncing with other multimedia. • Setup IM video conferencing for collaboration on CD development.
<p>Digital Library Developer Principle Investigator Project Management Proposal Writing System Administration Database Administration Web Development Application Development Graphic Design CMS Development Community Development Multimedia Development Data Visualization Data Modeling R&D</p>	<p>Argonne National Laboratory, Decision and Information Sciences Division (www.dis.anl.gov) June 1998 – June 2003 Provided expertise on building digital libraries, data visualization, and application development. Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Sponsored by the National Science Foundation as the Principle Investigator (PI) for the Atmospheric Visualization Collection (AVC) project with a budget of \$741K. <ul style="list-style-type: none"> ◦ Managed and delegated tasks to an 8-person team of students, teachers, and scientists. ◦ Acted as the AVC Webmaster, Linux/Apache/MySQL administrator, and graphics designer. ◦ Coordinated collaborations with international research community for content development efforts, including data visualization. ◦ Coordinated collaborations with the educational community to produce educational material, which used MCREL standards. ◦ Customization of a SourceForge Environment for use as a content management system. ◦ Use of CVS with SourceForge for a revision control system. ◦ Produced Dublin Core XML metadata files using appropriate ontologies to federate with other digital library efforts via an Open Archives Initiative tool on a Jakarta J2EE Tomcat Server. ◦ Released AVC K-12 educational CDs, containing lesson plans and movies. ◦ Implemented and modified online collaboration and digital library tools written in PHP. ◦ Assisted middle and high schools with grant writing for hardware and software required to collect atmospheric data. ◦ Hosted workshops and attended conferences to promote data usage in K-12 classrooms. ◦ Mentored middle school, undergraduate, and graduate students. • Sponsored as the PI for the Atmospheric Radiation Measurement (ARM): Quicklooks Project with a budget of \$60K. <ul style="list-style-type: none"> ◦ Developed IDL code to produce real-time data images. ◦ Created Dynamic html pages based on Perl, PHP, and JavaScript to display data images.

	<ul style="list-style-type: none"> • Worked as a database application developer for the Joint Chiefs of Staff: J8 Project. <ul style="list-style-type: none"> ○ Migrated ASP prototype application in Microsoft Access database to a dynamic Perl web application based in a MySQL database. ○ Investigated future directions of commercial and open source technologies for IT strategic planning. ○ Held security clearance. • Participated on a team of application developers for data collection and analysis. <ul style="list-style-type: none"> ○ Automated data visualization using IDL, MatLab, and Mathematica scripts that were then displayed on dynamic html pages produced using Perl and JavaScript. • Participated in the development of a Linux cluster.
<p style="text-align: center;">Laboratory Graduate Assistant</p> <p style="text-align: center;">Co-PI</p> <p>Proposal Writing</p> <p style="text-align: center;">R&D</p> <p style="text-align: center;">Application Development</p> <p style="text-align: center;">Instrument Development</p> <p>Parallel Programming</p>	<p>Argonne National Laboratory, Energy Systems Division (www.es.anl.gov) June 1997 – June 1998</p> <p>Provided expertise on instrument and application development.</p> <p>Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Acted as Co-PI for the Integrated Gas Pipeline Emergency Management System (IGEMS) project budgeted for \$4.5M. • Started work involved GPS tools and SCADA data systems, but the project was prematurely terminated due to Asian market collapse. • Analyzed neural network code for the Sensor Algorithm Generating Environment (SAGE) / Smart Sensor Developer Kit (SSDK) Project. • Used MatLab neural network toolbox to recognize chemical signatures. (See http://www.mathworks.com/company/user_stories/userstory5511.html) • Wrote a LabView data acquisition module for an ARM Instrumentation Project. • Installed acquisition hardware. • Programmed an optimization tool written in C and using PGAPack and GRASS on the Integrated Dynamic Landscape Analysis and Modeling System (IDLAMS) Project.
<p style="text-align: center;">Laboratory Graduate Assistant</p> <p style="text-align: center;">Application Development</p> <p>Decision Analytics</p> <p>Web Development</p> <p>Intern Management</p> <p style="text-align: center;">Data Modeling</p> <p style="text-align: center;">R&D</p>	<p>Argonne National Laboratory, Decision and Information Sciences Division (www.dis.anl.gov) June 1996 – June 1997</p> <p>Provided expertise on web development, mathematic modeling, and application development.</p> <p>Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Lead DIS programmer for Integrated Dynamic Landscape Analysis and Modeling System (IDLAMS) project. Co-designed mathematical models for IDLAMS project that included an optimization method based on genetic algorithms, decision analysis, and markov chains. Programmed these models in GRASS and C to optimize land management controls for the best predictive map. • Performed risk analysis for Handford waste project using @risk for Excel. • Worked with Pascal Pochol as the Energy and Power Evaluation Program (ENPEP) project Webmasters to revise web content and improve web applications. • Supervised 2 undergraduate students for web development efforts.

<p>Graduate Co-op Application Development Decision Analytics Web Development Data Modeling R&D</p>	<p>Argonne National Laboratory, Decision and Information Sciences Division (www.dis.anl.gov) June 1995 – June 1996 Provided expertise on web development, mathematic modeling, and application development. Activities/Responsibilities/Achievements:</p> <ul style="list-style-type: none"> • Co-developed methods to use Decision Analysis utility functions to evaluate GIS habitat maps for the IDLAMS Project. • Developed mathematic and computational models for the ENPEP project. • Worked with Pascal Pochol as the ENPEP Webmasters to produce web content and web applications written in Perl.
<p>Instructor</p>	<p>Civil Engineering Technical Service Center, Air National Guard (www.ang.af.mil) June 1995 – June 1995 Conduct a set of Internet classes for HVAC engineers.</p>
<p>Graduate Teaching Assistant</p>	<p>Northern Illinois University, Math Department (www.niu.edu) August 1994 – May 1995 Taught recitations for Core Competency in Mathematics, a course on statistics, logic and graphing of inequalities.</p>
<p>Database Consultant Application Development</p>	<p>E&E Trucking May 1994 – August 1994 Built dBase applications to track payroll, time cards, taxes, equipment maintenance, and fuel usage.</p>
<p>Substitute Teacher</p>	<p>Charleston High School (http://www.charleston.k12.il.us/chs/) January 1994 – May 1994 Substitute taught for Chemistry classes.</p>
<p>Voluntary Researcher Data Modeling</p>	<p>Eastern Illinois University, Physics Department (www.eiu.edu) September 1993 – July 1994 Produced computational models of wormholes using GRTensor, Mathematica, Maple, and Fortran.</p>
<p>Graduate Teaching Assistant</p>	<p>Eastern Illinois University, Math Department (www.eiu.edu) August 1993 – May 1994 Taught two sections of Algebra each semester.</p>
<p>Summer Engineering Research Student Data modeling</p>	<p>Argonne National Laboratory, Reactor Engineering Division (www.re.anl.gov) May 1992 – August 1992 Developed Fortran computational models of Mitch Farmer's reactor heat transfer and fluid flow theories.</p>
<p>Graduate Teaching Assistant</p>	<p>Eastern Illinois University, Math Department (www.eiu.edu) August 1992 – May 1993 Taught two sections of Algebra each semester.</p>

<p>Summer Engineering Research Student R&D</p>	<p>Argonne National Laboratory, Energy Systems Division (www.es.anl.gov) May 1991 – August 1991 Designed, fabricated, and tested MagLev tracks. Testing involved measuring magnetic levitation and guidance field strength using force accelerometers and LabView.</p>
<p>Voluntary Researcher R&D</p>	<p>Eastern Illinois University, Physics Department (www.eiu.edu) August 1990 – May 1991 Fabricated acoustic levitator with funding from NASA. Programmed driver for speakers in Forth.</p>
<p>Michael Curry Internship R&D</p>	<p>Illinois Department of Nuclear Safety May 1989 – August 1989 Assisted in development of a prototype solar powered radiation monitoring system.</p>

Degrees/Education:	
<p>Education</p>	<p>NASA Goddard Space Flight Center, Greenbelt, MD July 1998- July 1998</p> <ul style="list-style-type: none"> Completed NASA Summer School for High Performance Computational Earth and Space Sciences.
	<p>Northern Illinois University, DeKalb, IL August 1994- May 1999</p> <ul style="list-style-type: none"> Completed 59 hours towards a Ph.D. in Mathematics.
	<p>Eastern Illinois University, Charleston, IL August 1993- May 1994</p> <ul style="list-style-type: none"> M.A. in Mathematics.
	<p>University of Missouri – Rolla, Rolla, MO August 1991- May 1992</p> <ul style="list-style-type: none"> Completed 24 hours towards a Ph.D. in Nuclear Engineering As part of the coursework, independently ran a small nuclear pool reactor.
	<p>Eastern Illinois University, Charleston, IL August 1987 - August 1991</p> <ul style="list-style-type: none"> B.S. in Physics

Training/Certifications:	
Training	<p>Directions Training, Oak Brook, IL May 2008</p> <ul style="list-style-type: none"> • Successfully completed courses, "Crystal Reports XI Introduction" and "Crystal Reports XI Advanced".
	<p>McKesson, Dubuque, IA August 2007</p> <ul style="list-style-type: none"> • Successfully completed courses, "Advanced Business Objects Reporting" and "Understanding the Billing Universe".
	<p>McKesson, Dubuque, IA July 2007</p> <ul style="list-style-type: none"> • Successfully completed courses, "Introduction to Business Objects Reporting" and "Business Objects Designer and Supervisor".
	<p>University of South Florida, St. Petersburg July 2005</p> <ul style="list-style-type: none"> • Successfully completed course, "Writing Proposals for NSF Educational Grants: An Interactive Workshop".
	<p>Stellent, Argonne, IL April 2005</p> <ul style="list-style-type: none"> • Successfully completed courses, "Content Publisher Fundamentals" and "Site Studio Fundamentals".
	<p>Ascend Training, Deerfield, IL March 2005</p> <ul style="list-style-type: none"> • Successfully completed courses, "Macromedia Flash MX 2004: Rich Media Design".
	<p>Stellent, Argonne, IL January 2005</p> <ul style="list-style-type: none"> • Successfully completed course, "Customizing Content Server".
	<p>Ascend Training, Deerfield, IL August 2004</p> <ul style="list-style-type: none"> • Successfully completed course, "Macromedia Dreamweaver MX 2004: Advanced Website Development".
	<p>Ascend Training, Deerfield, IL July 2004</p> <ul style="list-style-type: none"> • Successfully completed course, "Macromedia Dreamweaver MX 2004: Dynamic Application Development".
	<p>Stellent, Argonne, IL July 2004</p> <ul style="list-style-type: none"> • Successfully completed course, "Content Server Administration".
	<p>Stellent, Argonne, IL June 2004</p> <ul style="list-style-type: none"> • Successfully completed course, "Using Content Server".

	Ascend Training, Deerfield, IL May 2004 <ul style="list-style-type: none">• Successfully completed course, “Macromedia Dreamweaver MX 2004: Website Development”.
	American Meteorological Society, San Antonio, TX January 2002 <ul style="list-style-type: none">• Successfully completed course, “Neural Network Applications to Environmental Sciences”.
	SGI, Greenbelt, MD July 1998 <ul style="list-style-type: none">• Successfully completed certification course, “Cray T3E Applications Programming”.
	Applied Decision Analysis, Albuquerque, NM June 1996 <ul style="list-style-type: none">• Successfully completed course, “Decisions with Multiple Objectives”.