

Christopher D. Brown
Software Engineering
Software Product Management

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Knowhow and leadership to deliver software based products and services to consumers and enterprises

Business Segments

Software products and services for industries ranging from advertising to telecommunications
North America, Europe, Pacific Rim

Skills

Agile methods, Analysis (business, competitive, market, and requirements), Evangelism, full Software Development Life Cycle (SDLC), Group process facilitation, Leadership, Project management, Resource Management, and Team management.

Internet based development: over 10 years (CSS, DHTML, HTML, JavaScript, CGI, HTTP, SMTP)

Internet-based applications: over 5 years (C++, C#, ASP.Net up to 3.5, SQL Server, software-as-a-service)

Currently learning: Ajax, WCF, Silverlight, WPF, XAML

Addition technical skills: CDO, MAPI, MFC, MS Exchange, OO practices, Payment systems, Shipping systems, SOAP, SSL, T-SQL, TCP/IP, UML, VBScript, Visual Studio up to 2008, XML.

Engagement History

- 4/03 ... Present **TreadRight Inc.**, Software Products, Austin, TX, www.TreadRight.com
Co-founder, CTO, software developer. Market research, business plan, investor pitches, product design, and product implementation for **Harmoniks Collaborative Project and Resource Management**. Massively distributed application allowing interconnects among customer installations and with software-as-a-service users. This n-tier application solved the complex problem of real-time, just-in-time, optimize project management and resource allocation using the full range of the Visual Studio, C#, ASP.Net 2.0 through 3.5, and SQL Server 2005 capabilities.
- 5/06 ... 5/07 (anonymous), light manufacturer and online retailer
Internet application developer and business operations consultant. Requirements, technical design, implementation and testing of a next generation of a successful, high traffic ecommerce web site. Key goals included payment system integration (PayPal and Yahoo payment gateways), shipping integration (FedEx, UPS, DHL, USPS), inventory, internal fulfillment, external fulfillment, customer service, and merchandising. ASP.Ner 2.0, C#, CSS, DHTML, HTML, JavaScript, payment gateways, shipping gateways, SMTP, SOAP/WSDL, SQL Server (light DBA experience) , T-SQL, SSL, Visual Studio, Web Services, XML. Web based.
- Ongoing **Innovation and Volunteerism**
- START Central Texas, deploy and customize Community Server (ASP.Net, HTML).
 - Learning project captured specialized educational content and teaching technique.
 - UT Austin Department of Theater and Dance, C++, MFC, TCP/IP, real-time data acquisition providing distributed, wireless support Yacov Sharir's Body-Automatic project.
- 7/98 ... 4/03 **Simpler-Webb, Inc.**, Technology Strategy Consultancy, Austin, TX, www.swinc.com
Vice President of Software Product Development. Established processes, practices, and policies to establish a software product development group. C++, calendar/scheduling standards, CDO, Email/Messaging standards, MAPI, MFC, MS Exchange Server, SMTP, Visual Studio, Windows, Windows Advanced Server,, XML, Web based service, HTML, SQL Server. Built initial versions and participated in the continuing requirements, design, implementation, and test of enterprise software products MailMover, CalMover, and Exchange Resource Manager.

- 3/98 ... 7/99 **GSD&M**, National Ad Agency, Austin, TX, www.gsdm.com
Lead Interactive Producer. Worked with account, new business, creative, and IS teams to integrate Internet, interactive and multimedia with client and internal strategies. Specific activities include interactive strategies, interactive creative briefs, producer for Web sites developed externally, producer/project manager/developer for sites developed internally, etc. See attached credits for more detail. DHTML, HTML, JavaScript, Macromedia Director.
- 10/94 ... 5/98 **V Communications**, Multimedia Applications, Austin, TX
Founder, general manager, project manager, lead programmer. Produced Internet and multimedia applications including Web sites, CD-ROM's, and desktop software products. C, DHTML, HTML, JavaScript, Macromedia Director.
- 10/91 to 1/96 **Data Interface Systems**, Communications Servers, Austin, TX, www.di3270.com
Vice President of Software Products (development and support). **DI3270**. Multinational communications servers and clients for IBM communications protocols for small to large companies including Fortune 1000.
- 2/89 to 10/91 **Comshare**, Executive Information Systems, Austin, TX, www.comshare.com
Senior Software Development Manager. **IFPS, VantagePoint**. Multinational financial analysis and decision support products for Fortune 1000.
- 11/87 to 2/89 **Datapoint Corporation**, Computer manufacturer, San Antonio, TX, www.datapoint.com
Consultant contracted to investigate technologies and markets for digital imaging. **VistaImage**.
- 4/85 to 10/87 **Ameacon Incorporated**, Process control and measurement systems, Austin, TX
Manager of Software Products (development and support). **WeighMate** and **ProcessMate** product lines. Microcomputer and embedded process control systems.
- 5/81 to 4/85 **Datapoint Corporation**, Computer manufacturer, San Antonio, TX, www.datapoint.com
Software Product Development Manager. **Multiplan** and decision support products. Multinational networked spreadsheet and graphic products for Fortune 1000.
- 9/76 to 5/81 **Michigan State University**, Educational institution, East Lansing, MI, www.msu.edu
Staff Programmer. Software development for social sciences research.
- Education** Engineering foundation, Ferris State University, 3.9/4.0 (highest honors)
Computer Science, Michigan State University, 3.7/4.0
Some graduate level work
Continuous seminars and course work
- Organizations** IEEE and IEEE Computer Society
Active with several arts organizations

Partial List of Credits

Interactive / Multimedia

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| (anonymous) | Retail, wholesale, and community web site for manufacturer |
| University of Texas | Technical and creative with RTF and Fine Arts multimedia labs |
| Anima Studios | Technical producer and developer for fine art projects |
| Lennox Industries | Producer for consumer Web site |
| Lennox International | Producer for forth coming investor relations Web site |
| GSD&M Extranet | Producer and developer for client and vendor Extranets |
| GSD&M Intranet | Producer and developer for Intranet |
| Busch Entertainment | Producer and software engineer for Discovery Cove Web site |
| Southwest Airlines | Producer and software engineer for Freedom Net intranet |
| SBC | Analysis and planning for Extranet |
| DreamWorks | Producer, analyst, and developer for Extranet |
| MasterCard | Producer for several small interactive projects |
| Texas TDED | Producer for www.TravelTex.com |
| Texas TDED | Producer for Texas Tourism VR CD-ROM |
| Crescent | Internet section of pitch book |
| Dell Computer | Producer and software engineer for PTL training simulation |
| Coriolis Group | Technical examples for "Dynamic HTML Black Book" |
| Compaq Computer | Producer and developer for browser based CD-ROM |
| Prudential | Producer and developer for product CD-ROM |

Software Products

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| CalMover | Migrate large-scale calendaring installations to MS Exchange. |
| Dequeue | Controls SMTP to MS Exchange transfers |
| DI3270 | Novell SAA Server Emulation |
| DI3270 | TN3270E Server |
| DI3270 | TN3270E Workstation |
| DI3270 | Windows Workstation |
| ERM | Manage MS Exchange mailboxes as resources |
| Harmoniks | Collaborative Project Management |
| IFPS Personal | Financial and economic analysis |
| MailMover | Migrate large-scale email installations to MS Exchange. |
| Multiplan | Predecessor to MS Excel |
| OL Tools | Add in tools for MS Outlook |
| PM 920 | Large embedded plant controller |
| PM 92 | Small embedded plant controller |
| TeleMotion | Distributed, client/server tool supporting the acquisition and integration of sensor data from dancers and the performance environment and the reinterpretation of the information forms including animation, video control, and audio control |
| Vantage Point | Executive Information System |
| Vista Image | Image processing |
| Web Based Training | For Columbia / HCA, this is server side software for Web delivered training in an IIS / SQL Server / C++ environment |
| WM 820 | Truck Loading and Weighing System |