

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](http://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](http://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](http://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](http://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](http://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](http://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

(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 <a href="http://www.TravelTex.com">www.TravelTex.com</a>
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

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