

# Rodolfo Arredondo

rodolfo at darkmirror dot org  
www.darkmirror.org

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## EXPERIENCE

### Web Programmer / Webmaster

Global Knowledge Training, Richardson, TX

Oct 2000 – Present

- Planned and executed original e-Commerce site architecture and custom online shopping cart
- Designed and built online testing system
- Built, maintains, and improves the main company web site
- Creates custom web portals for major clients
- Edits and develops new content
- Develops web-based applications

### Freelance Web / Multimedia Developer & Consultant

Dallas, TX

Apr 2000 – Sep 2000, Jul 2005 – Present

- Major multimedia project credits:
  - CallPilot: What's New in Release 1.07*: project manager, lead programmer, and designer
  - BARS/NARS*: developed the architecture, templates, and several interactions
  - WBT200 Meridian 1 Familiarization*: project manager, developed major interactions

### Director of Multimedia

New Course Education, Chapel Hill, NC

Sep 1999 – Dec 1999

- Directed multimedia production for medical distance learning applications
- Maintained multiple extranet web sites that allowed clients to review the progress of their projects

### Senior Specialist, Multimedia / Web Design

Nortel Networks EST&D Media & Technology, Richardson, TX

Dec 1996 – Sep 1999

- Major multimedia project credits:
  - Signal Path Messaging*: project manager, lead programmer, and designer
  - Installing, Configuring, & Running CallPilot Messenger with the Microsoft Exchange/Outlook E-Mail Client*: lead programmer and designer
  - MAT6 Tech Talk*: project manager, lead programmer, and designer
  - CBT390 Introduction to ISDN*: lead programmer
  - CBT273 Meridian 1 Installation and Maintenance*: lead programmer and designer
- Adapted traditional paper-based course *Introduction to Telephony* to web format, and added interactive testing
- Created and maintained several intranet web sites

### Senior Specialist, VR Modeler

Nortel Networks EST&D Virtual Reality, Richardson, TX

Dec 1995 – Dec 1996

- Developed 3D models with basic behaviors capable of responding to simple stimuli
- Planned, executed and maintained the group's internet web site
- Set up the group's paperless ISO9001-compliant quality system via an intranet web site

### Specialist, Technical Illustration

Nortel Networks EST&D Media & Technology, Richardson, TX

Fall 1993 & Summer 1994 (CO-OP), Jan 1995 – Dec 1995

- Founded an electronic image library of the customer's products
  - Developed a source illustration system to improve product consistency and reusability
  - Created art for marketing literature, promotional products, and training materials
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## EXPERIENCE, CONTINUED

### **Graphic Designer / Network Administrator**

**Oshkosh Truck Corporation, Oshkosh, WI**

**Aug 1991 – Aug 1992**

- Controlled and maintained a SUN/SPARC UNIX-based computer network
- Devised time-saving GUI applications to simplify complex computer publication operations
- Wrote basic C and LISP scripts to automate network housekeeping functions
- Developed the styles of part catalog layouts, corporate forms, and advertising pieces

### **Technical Writer / Technical Illustrator**

**Oshkosh Truck Corporation, Oshkosh, WI**

**Jun 1989 – Aug 1991**

- Planned and coordinated the work of keypunchers, compilers, drafters, and printers
- Created electronic templates for operator and technical manuals
- Documented new products with exploded parts illustrations

## CURRICULUM VITAE

Rodolfo Arredondo is a New Media developer with a strong foundation in traditional media and years of on-the-job experience in programming and web-based technologies. This allows him to work both the "left-brain" and "right-brain" aspects of a project, from planning the information architecture to developing the user experience.

Upon earning his Associate degree from Purdue University, in what was then called Technical Graphics, he took a position with the Oshkosh Truck Corporation of Wisconsin. He created parts catalogs and owner's manuals to support their new line of civilian vehicles. Originally, his tasks included researching components, sketching out subassemblies on the factory floor, and then using that information to write instructions and draw diagrams. Later his work expanded into setting up electronic document templates and coordinating the work of compilers, keypunchers, and drafters. He also became responsible for maintaining all the SUN workstations used for developing documentation.

When Purdue expanded their Associate degree into a full Bachelor's degree, Arredondo returned to school and participated in their CO-OP program. He spent alternate semesters working for the Media & Technology group of Nortel's training center in Dallas, where he went to work after graduation. While there, he built what would later become their electronic image library, and developed a type of "master drawing" that a non-illustrator could take apart and use to quickly make many other drawings. After about a year, he was recruited into the company's Virtual Reality Training group, where he developed 3D models with basic behaviors. When the training center abandoned Virtual Reality, Arredondo returned to the Media & Technology group, first developing intranet web sites, then computer and web-based training applications. He usually acted as lead programmer and occasionally as lead designer and project manager. One of his last projects for Nortel was to convert his original image library into a database-driven web site.

When Nortel decided to sell off the Dallas training center, Arredondo took the position of Director of Multimedia for New Course Education in Chapel Hill. There, he helped develop medical distance learning applications. His responsibilities included training staff on new technologies, developing multimedia production procedures, and maintaining the extranet sites used by clients to monitor their projects. After New Course closed its doors, he returned to Dallas and became an independent web and multimedia developer. His clients included Brookhaven College and Global Knowledge Networks.

Now, Arredondo is the Webmaster for Global Knowledge Training in Dallas. In addition to working on their e-Commerce web site, he contributes and edits content, creates custom training portals for major clients, and develops web-based applications. He is also an independent consultant, helping non-technical professionals migrate their talents to the world of podcasts and weblogs. From time to time, he performs pro-bono services for different Dallas non-profit organizations and civil rights groups.

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## EDUCATION

### **Purdue University, West Lafayette, IN**

#### **Bachelor of Science in Technical Graphics\*, Dec 1994**

Overall GPA: 3.18/4.00, Major GPA: 3.85/4.00

#### **Associate of Applied Science in Technical Graphics\*, May 1989**

Overall GPA: 5.00/6.00, Major GPA: 5.00/6.00

- Co-produced "Visual Perception Test 2"
- Led highest scoring team in Production Graphics class
- Major Coursework:
  - Independent Project (Multimedia Application), Dynamic Simulations, Concept Development, Digital Imaging, Hypertext, 3D Modeling, Technical Documentation, Descriptive Geometry, Layout & Typography, Speech & Communications, Technical Writing

\* This degree has since been renamed "Computer Graphics"

## FAMILIAR TOOLS & TECHNIQUES

### **Multimedia/Web**

Current with PHP, JavaScript, XHTML/CSS, and Flash; Can write clean code from scratch;  
Some experience coding for Oracle and MS SQL in PHP;  
Some MySQL experience;  
Previous Authorware, Director, and HyperCard experience

### **Illustration**

Current with Illustrator and Photoshop;  
Previous FreeHand, MacDraw II, and MacDraw Pro experience;  
Some previous CorelDRAW! experience

### **Publishing**

Current with InDesign and Acrobat;  
Previous PageMaker and Interleaf experience;  
Some previous Word, FrameMaker, and QuarkXpress experience

### **Modeling**

Previous Superscape VRT experience;  
Some previous Strata Studio Pro, AutoCAD, and 2D CADAM experience

### **OS**

Current with MacOS and Windows;  
Previous SunOS (Solaris UNIX) experience;  
Some previous UNIX, IRIX, DOS, and Amiga Workbench experience

### **Manual**

Current with prisma colors and graphite;  
Some previous marker and pen & ink experience

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