

# Melisha A. Waggoner

Web & Multimedia Developer | E-Learning Developer

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## PROFESSIONAL SUMMARY

Innovative and results-driven professional with 15+ years of experience in multimedia and UI/UX design, e-learning development, and technical project management. Skilled in leading cross-functional teams, developing SCORM-compliant training solutions, and streamlining workflows to improve efficiency and quality. Actively engages with emerging AI tools. Proven success in managing large-scale projects, integrating departments, and delivering engaging learning experiences. Collaborative leader recognized for exceptional quality standards, problem-solving skills, and an open-door management style that fosters creativity and team growth.

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## SKILLS

**Web and Full-Stack Development:** HTML5, CSS3, JavaScript, Bootstrap, JSON, Node.js, responsive design, and WCAG accessibility compliance.

**Learning and Development:** SCORM-compliant course design, Adobe Captivate, Articulate 360, instructional design, storyboarding, and LMS administration.

**Multimedia and UI/UX:** Adobe Creative Suite (Photoshop, Illustrator, Premiere Pro, After Effect, XD), video editing, prototyping, and visual asset optimization.

**Project and Quality Management:** Google Project Management Certificate, Agile workflows, QA testing, bug tracking, cross-browser compatibility, and accessibility compliance.

**Technical Systems and Tools:** Microsoft SQL Server, Windows Server, Cloudflare DNS, Visual Studio Code, Git, SharePoint Administration, and server management.

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## WORK EXPERIENCE

### Multimedia Department Manager

Performance Associates International Inc. – Tucson, AZ | 01/2008 – 10/2025

- Promoted six times over 12 years for exceptional performance, leadership, and quality of work.
- Managed full project lifecycle for SCORM-compliant for full-catalog of e-learning courses from SME content through design, development, testing, and deployment.
- Redesigned and modernized CBT interfaces, incorporating interactive SVG and web elements.
- Developed front-end and full-stack web solutions using HTML5, CSS3, and JavaScript.
- Administered the company LMS and corporate website.
- Implemented QA processes and debugging workflows, ensuring accuracy, usability, and consistency.
- Collaborated with stakeholders on project schedules, budgets, and milestones.
- Created technical graphics for mining and industrial training.
- Conducted employee performance reviews and fostered a culture of growth and innovation, improved production by about 40% overall.
- Supported Marketing team initiatives by managing and updating the Squarespace e-commerce website to ensure seamless user experience and branding alignment.

## WORK EXPERIENCE (continued)

### Graphics Specialist

Adecco – Tucson, AZ | 05/2007 — 11/2007

- Created 2D/3D solid models in AutoCAD and Inventor for use in flowsheet-based graphics for start-up mining companies.
- Edited flowsheets, interlocks, alarms, control loops, process variables, and principle of operation graphics for mining processes.

### CAD Designer

Environmental Systems Products – Tucson, AZ | 02/2003 — 03/2007

- Designed and modeled 2D/3D mechanical components for emissions testing equipment.
- Served as PeopleSoft and SharePoint Administrator, providing training and technical support.
- Produced technical documentation, BOMs, and engineering change records.
- Assisted in ISO 9001 documentation and compliance efforts.
- Received Certificate of Appreciation for successful PeopleSoft implementation.

### CAD Designer

Transtek Magnetics – Tucson, AZ | 06/2000 — 02/2003

- Created 2D/3D mechanical designs and technical illustrations for electronic components.
- Produced marketing graphics for the company website and marketing catalogs.
- Maintained engineering control files and ensured ANSI Y14.5 compliance.

### Application Drafter

Morpac Industries – Tucson, AZ | 04/1999 — 10/1999

- Created mechanical detail and assembly drawings for high-voltage switches using AutoCAD and manual drafting.
- Supported communication between engineering, purchasing, and manufacturing teams.

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## EDUCATION AND TRAINING

**Full Stack Web Development Certification** – The University of Arizona

**Web Development, HTML5, CSS3, JavaScript, AngularJS** – Code Academy / Code School

**Project Management Certificate** - Google

**Front-End Development** – Microsoft Web Dev Camp

**Inventor Training Certification** – IMAGINiT Technologies

**Maximizing AutoCAD** – CADtech Seminar

**MS Excel (Lv 1-2)** – Southern Arizona Institute of Advanced Technology

**Technical Project Management** – ITT Technical Institute (courses applied to BA)

**Associate of Applied Science (AAS)** - ITT Technical Institute

**Prerequisites** – Central Arizona College