

Daniel W. Holland | Senior Multimedia Developer

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Skills

Interactive, Web, and Mobile Design and Development

Software

Adobe Creative Suite, Flash, After Effects, 3DS Max, Photoshop, Illustrator, Dreamweaver, Premiere, Captivate, Indesign, Director

Languages/Frameworks

HTML, HTML5, CSS, JavaScript, Actionscript, JAVA, PHP, ASP, Lingo, jQuery Mobile, jQuery, MySQL, SQL

Other

Section 508 Compliance, SCORM Conformance, Learning Management Systems, Content Management Systems, Adobe Connect, WebEx, Blackboard

Experience

Lead Multimedia Developer

SRA International, Inc | Warminster, PA | sra.com (2008-present)

Part of the Strategy and Performance Group (SPG) [previously Human Capital Learning and Solutions (HCLS) and Emerging Learning Technologies (ELT) group].

- Develop e-learning and virtual learning applications utilizing HTML, Flash, and JavaScript
- Collaborate and produce interactive applications using various technologies
- Develop real-time interactive 3D applications utilizing 3DS Max
- Graphics and animation support using 3DS Max and Adobe Creative Suite
- Support marketing efforts
- Graphical user interface (GUI) design
- Research and implement emerging technologies
- Manage select group of creative designers and developers

Key Projects

- Web Based Training - Lead developer for Environment Protection Agency (EPA) SCORM conformant and 508 compliant web-based training course. Developed and integrated Flash (Actionscript) interactions. Recoded portions of course to allow the course to function on EPA's Adobe Connect environment. Developed and integrated post exams utilizing Adobe Captivate. Manually reworked Captivate published code to conform to Section 508 requirements.
- Mobile Demo - Tech lead in developing demo mobile applications for marketing and research to help scope mobile development project work. Worked with project manager and fellow developers to produce cross-platform browser-based and native applications utilizing Flash mobile export features, HTML5 and jQuery mobile. Project lead in developing single real-time 3D application that is publishable to web, desktop, iOS, and Android platforms.
- 508 Review - Section 508 specialist supporting effort to assure all project deliverables to Veterans Administration Labor Management Relations (VALMR) met VALMR Section 508 requirements. These deliverables included all web-based training courses and documentation.
- Web Based Training Development - lead developer for VALMR project which was a mix of instructor-led training and web-based training. Developed twelve SCORM conformant and Section 508 compliant courses for the Veterans Administration Learning Management System (LMS). Work included GUI design, graphic support, video and interactive development and utilized a combination of HTML, JavaScript, and Flash (Actionscript). Received an award for "Most Technically Astute" for the work done on the project. The team received a perfect score from client on SRA's Customer Satisfaction Survey.
- Small Boat Refresher Course - Real-time 3D developer for Coast Guard Small Boat Refresher course. Worked with team to develop a high level interactive SCORM conformant training which featured a real-time 3D interactive boat and simulator. Aided in Graphical User Interface (GUI) design and built all interactive 3D portions of course including a full boat simulator utilizing 3DS Max and Adobe Director (Lingo). Course utilized a combination of HTML, JavaScript, Director (Lingo), and Flash (Actionscript).
- Virtual Learning Environment - Task lead and content developer for Environmental Protection Agency (EPA) overseeing a team consisting of creative and instructional designers to develop a large scale interactive real-time 3D environment.

Multimedia Designer

Metrologic Instruments, Inc. (now part of Honeywell) | Blackwood, NJ | Honeywell.com (2000-2008)

Part of the Creative Services team within the worldwide marketing department.

- Support marketing efforts
- Oversee company website and intranet
- Develop web-based interactive product tours utilizing HTML, Flash and JavaScript
- Produce promotional videos and animation for the web utilizing After Effect and 3DS Max
- Produce videos for company tradeshow utilizing After Effect and 3DS Max
- Develop marketing and sales media in print, web, and video
- Create print advertisements
- Oversee in-house photography and video
- Identify, promote and enforce company brand standards

Key Projects

- Product Demos – Lead developer in producing a series of interactive flash-based product demos. The demos provided a unique experience allowing the user to visual examine a product by integrating an interactive product with interactive data, videos and animations. Designed all elements of the demos including a clean Graphical User Interface(GUI).
- Interactive 3D Product Tours – Lead developer in producing a series of web-based interactive real-time 3D product tours for each product offering. The tours expanded upon existing JAVA-based technology to offer the end-user a virtual way to experience any product before purchase.
- Process Improvement - Worked with Creative Services Manager to develop a process for handling the creative needs of all offices worldwide. This process helped convert our small creative services team into an efficient in-house design team servicing all worldwide locations within the organization.
- Worldwide Marketing and Sales Conference – Creative lead for Metrologic’s first worldwide sales and marketing conference. Worked as part of a team to developed and produced theme and media in various media in support of the overall conference as well as individual sessions. Responsible for conference hardware.
- Company Branding – Graphic lead working alongside brand manager to develop and promote company brand. Developed the organizations’ brand guideline and various promotional media in print, web, and video formats. Also supported the successful company-wide brand launch event.

3D Artist

CustomAuto | Bala Cynwyd, PA | closed in 2000 (2000)

Part of the graphics support team.

- Create photorealistic 3D renders
- Develop promotional Flash media

Key Projects

- Process Development – Design lead in developing a workflow in producing photo realistic 3D models that were composited onto images in real-time within a web browser. Responsible for creating the content and images and integrating them into a database that the HTML and JavaScript based system could utilize.

Education

The Art Institute of Philadelphia | Philadelphia, PA

Computer Animation, GPA 3.8

The High School for Creative and Performing Arts (CAPA) | Philadelphia, PA

Visual Arts