

Deriv Diggs

Summary

Development of RIAs, widgets, desk-top applications, kiosks, and web based applications.
Leverage technologies such as AS2.0/3.0 within Flash and Flash Builder (Flex), MDM Zinc, SHU, and Adobe AIR. Excellent problem solving and adaptation to new resources and ideas.
Strong communication, initiative, leadership, and focus.

Experience

Thought Render CTO

September 2012 – Present

Responsibilities include the development and design of all of Thought Render's brands, using a variety of technologies. Technologies included so far are, Flash / ActionScript 3.0, PHP, and Wordpress. Currently working on HTML 5 / CSS3 / Javascript implementations. Main website URL is <http://thoughtrender.com> which uses a custom animation filter that I built to create the animated building blocks. Under development is <http://thoughtrender.com/SLWEB/> this is a work in progress, it uses a MySQL database and php to communicate with ActionScript 3.0.

Achievements

Created this website as well as sister website <http://thoughtrender.com/music>.
Both website are fully responsive, and solid on any platform or device.
Incorporated cutting edge techniques and standard like micro-formatting.

Carnegie Mellon University Senior Research Developer

January 2012 – September 2012

Responsibilities included developing front-end interfaces using both AS2 and AS3 that leveraged a Java based backend for cognitive tutoring systems. I worked directly under Dr. Bruce McLaren ([HYPERLINK "http://www.cs.cmu.edu/~bmclaren/"](http://www.cs.cmu.edu/~bmclaren/) <http://www.cs.cmu.edu/~bmclaren/>) creating tutors in the CTAT ([HYPERLINK "http://ctat.pact.cs.cmu.edu/"](http://ctat.pact.cs.cmu.edu/) <http://ctat.pact.cs.cmu.edu/>) environment for CMU's Human-Computer Interaction Institute.

Achievements

Leveraged components created by other developers as well as created new components following proven architectures.
Re-coded legacy AS2 components into OOP style AS3 components.
Project managed Dr. McLaren's visions incorporating an international team of multi-discipline professionals.

SuperNova Inc. Senior Software Engineer

March 2010 – June 2011

Responsibilities included developing interactive software using AS3 inside of Flash Builder (Flex) and Flash.

Achievements

Created an iPad application, using Flash, of SuperNova's most popular PC program.
Created best coding practices document and helped the team develop a streamlined process.
Used the MVC programming paradigm and encapsulated as much code as possible for easy reusability.
Translated interfaces from the art department as well as created custom interfaces and effects.

Torre Lazur**January 2009 – July 2009****Freelance Multimedia Developer**

Responsibilities included developing interactive, multimedia websites, and applications with Adobe Flash.

Achievements

- Led the development of HYPERLINK "<http://www.carefirstforlife.com>" <http://www.carefirstforlife.com>
- Created touch screen app for Plavix, which incorporated both audio and video, to correspond with text and animations

Qi, a part of Commonhealth (WPP)**October 2007 – December 2008****Freelance Interactive Media Developer**

Responsibilities included the development of broadband technologies including ActionScript 2.0/3.0/Flash, audio/video editing and encoding, and integrating server technologies to create rich and dynamic user experiences that many times interact with servers, and data-bases.

Achievements

- Increased services offered for organization.
- Taking advantage of OOP, develop expandable and re-usable designs.
- Fixed and updated files from internal and outside resource teams.

Temel Inc.**October 2006 – October 2007****RichMedia Developer**

Responsibilities included the development of broadband technologies including ActionScript 2.0/Flash, audio/video editing and encoding, and integrating server technologies to create rich and dynamic user experiences.

Achievements

- Taking advantage of OOP, develop expandable and re-usable designs.
- Fixed and updated files from outside resource teams.

Freelance Multimedia Consultant,**March 2001 – October 2006**

Completed freelance work for Trump Place, Blue Barn Interactive, and Evian.

Zactus**September 2000 – March 2001****Multimedia Director**

Responsibilities included the look and feel of all Zactus media projects, as well as all Flash programming. Business model was based on a custom Flash 4 interface for databases that I was reprogramming in Flash 5.

Achievements

- Debugged and modified over 8000 lines of Action Script.
- Reduced over 8000 lines of code to less than 1000 lines.
- Guided the look and feel to create a unified brand.

Grey Interactive**January 2000 - September 2000****Senior Designer**

Responsibilities included New Business pitches and designing web sites, reporting directly to the Senior Creative Director. Specialized in story-boarding, and creation of multimedia projects with Flash, and various other audio, and visual programs. Also advised other teams on capabilities and limitations of current technologies.

Achievements

- Relied on for splash page pitches for fortune 100 clients.
- Helped land Nortel Networks by providing 2 of 6 pieces of artwork shown (Flash/splash).
- Created email campaign with over a million users sending out customized mandalas for Pantene.

Dynamind**November 1999 – March 2000**

Freelance Multimedia Designer

Responsibilities included creating original Flash animation for commercial clients. Also inputted into the overall direction of any project with elements of multimedia.

Achievements

- Created flash "template" that Dynamind uses to demonstrate their capabilities.
- Provide multimedia direction based on team needs.

iNEXTV**July 1999 – November 1999****Freelance Multimedia Designer**

Responsibilities included creating original Flash animation for commercial and content purposes and combining other animator's works into presentations that correlate with Real Video streams.

Achievements

- Created logos for iStyleTV and EXBTV which are top affiliates of iNEXTV.
- Produced animated content for Jaguar, Chrysler, and others.
- Came up with technical solutions that have been implemented site-wide.

Capital One Financial**September 1998 – June 1999****Multimedia Specialist**

Lead Designer for Capital One's Intranet Team. Duties included full web site design, project management, graphics support, multi-media applications support. Met heavy client contact and deadline negotiations.

Achievements

- Received Merit Increase and two internal promotional offers in first three months employed.
- Reorganized the client screening process to increase productivity.
- Solved a two year problem and created the ability to resolve log statistics in bulk from web servers.

PRI**June 1998 – September 1998****Graphic/Web Design/Pre-Press**

Responsibilities included DTP projects, corporate identities, HTML and network maintenance. Worked with Macs, PCs, and UNIX systems using a variety of software packages to meet the needs of demanding clients.

Achievements

- Reorganized ether network (and each individual computer) for one of the top 25 growing companies in Richmond for 1997.

Quest 2000**September 1997 – January 1998****Graphic/Web Design/Pre-Press**

Responsibilities included copy writing, DTP projects, corporate identities, HTML and network maintenance. Worked with Macs, PCs, and UNIX systems. Used Quark, Illustrator, PageMill, and Photoshop.

Achievements

- Designed Ad for Model Composite Card production.
- Kept software and network at optimal levels.