

derivdiggs@thoughtrender.com

# Thought Render

## CEO: 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

#### Carnegie Mellon University

January 2012 – September 2012

##### Senior Research Developer

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.

March 2010 – June 2011

##### Senior Software Engineer

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) <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****Senior 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.****February 2007 – 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 – February 2007**

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****March 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.

**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.