

FRED LEIGHTON

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EXPERIENCE - EDUCATIONAL / INTERACTIVE

Graduate Student

Georgia Institute of Technology (Atlanta, GA)

Digital Media, School of Literature, Communication and Culture

M.S., projected graduation June 2012

August 2010 - present

Graduate Research Assistant

Augmented Reality Lab, GVU Center

August 2010 - May 2011

Interactive Design and Development: Virtual Tour Guide, Museum and TV projects.

Augmented Reality Browser for iPhone/iPad, sponsored by Alcatel-Lucent, Motorola.

Instructor

Bowling Green State University (Bowling Green, OH)

Visual Communications Technology Department

August 2008 - May 2010

Classes in Interactive Media and Software for Digital Photography.

Digital Arts Department / School of Art

August 2007 - June 2008

Studio classes in Imaging, Interactive, Video and 3D digital art.

Instructor

Digital Media Department

School of Communication Arts (Raleigh, NC)

June 2006 - June 2007

Studio classes in Web Design / Development, Audio / Video for Web.

Producer / Project Manager

Guggenheim.com (New York, NY)

2001

CD-ROM Producer / Author, **The Art of the Motorcycle**

Award Winner, **INTERACTION 2003**, PRINT Magazine Interactive Design Competition

Outstanding Achievement Award, **2002 HOW Interactive Design Competition**

Authored media in Director incorporating Flash and QTVR media with Lingo and ActionScript.
Created and Implemented project plans; Directed interactive designers and content producers.
Created production schedules for guggenheim.com **2002 Webby Award Winner - Broadband**
Managed customized software application for delivering streaming media (real, QT, zoom).

EDUCATION

M.F.A., 2006

Interactive Design & Game Development

Savannah College of Art & Design

Savannah, GA

B.A., 1988

Major: History of Art

University of Michigan

Ann Arbor, MI

Producer

Churchill Communications (Secaucus, NJ)
1999 - 2000

Managed and Developed new media projects for clients - Pfizer, Aventis, Parke-Davis.
Created and maintained web sites for daily conference proceedings for client Astra-Zeneca.
Produced media for Director and Flash, Designed concepts with experts and developers.
Created and maintained production schedules, and Allocated resources for projects.
Estimated resource requirements and Created budgets for proposed projects.

Producer, Developer, Promoter

FLDM
1997 - 1999
Toledo, OH

FINSTERACTIVE

Created, Produced CD-ROM on Rev. Howard Finster, acclaimed Outsider Artist.
Designed and Implemented promotional, e-commerce web site for product.
Received notice in **WIRED** (11/98), **Mac Art & Design** (Spring '99), and **Feed** (3/99).

Coordinator, Digital Media Specialist

Center for Creative Instruction
Health Science Campus at The University of Toledo (Toledo, OH)
<http://hsc.utoledo.edu/cci>
1994 to 1998

Organized and Lead production teams for Medical Education new media projects, including:

Muscle Alive! CD-ROM Finalist in 1995 New Media Invision Awards, Higher Education.
intEARactive CD-ROM for teaching anatomy and pathology of Middle Ear by use of QTVR.
1997 Apple QuickTimeVR Authoring Studio Contest, Top 5 in Multimedia Program.
Nutrition Mission stand-alone kiosk exhibition, part of Life Force at COSI Science Museum.

SOFTWARE - HARDWARE SKILLS

Sound Design

Pro Tools
Reason
Abelton Live
MIDI Controllers

iPhone Development

Objective-C 2.0
XCode
KML for AR app
(Argon)

Interactive / Web

Director 11 / Lingo
Photoshop CS5
QuickTime / LiveStage Pro
Flash CS5 / ActionScript 3.0
HTML5 / XHTML / CSS
JavaScript, jQuery, AJAX
Fireworks CS5
Dreamweaver CS5
Processing / Java

DVD / Video

DVD Studio Pro
Final Cut Pro
After Effects CS5
Vegas
Shake

Design / Layout

InDesign CS5
Illustrator CS5

3D

MAYA
3D Studio Max
Google SketchUp

Sys / Installation

MAX / MSP 5
Jitter 1.7
Make Controller
midiTron
Arduino

SELECTED SOLO EXHIBITIONS

- 2005** Dynamic Variations, Orleans Hall
Savannah, GA
- 2009** The Secret of Bigfoot Pass, Secor Gallery
Two Artist Exhibition
Toledo, OH

SELECTED GROUP EXHIBITIONS

- 2003** Anti-Red, Oglethorpe Row Gallery,
Savannah, GA
- Video Fringe Fest, Apres Nightclub
Savannah, GA
- 2004** Monitor Madness, La Galerie Bleue
Savannah, GA
- 2005** Incidence, Pei Ling Chan Gallery
Savannah, GA
- Entelechy, La Galerie Bleue
Savannah, GA
- A Tribute to John Cage, The Garage
Savannah, GA
- Reorder, Red Gallery
Savannah, GA
- 2007** iDEAs 07: Beyond Boundaries, The F.U.E.L. Collection
Philadelphia, PA
- 55th Annual BGSU Faculty Exhibition, Dorothy Uber Bryan Gallery
Bowling Green, OH
- 2008** 'tis the Secor, Secor Gallery
Toledo, OH
- 2011** 100 x 100, Triangle Arts Association
New York, NY