

# FRED LEIGHTON

427 Ramesh Ave.  
Fort Atkinson, WI 53538

fred@artsdigital.com

## EXPERIENCE - EDUCATIONAL / INTERACTIVE

### Assistant Professor

August 2016 -

### Lecturer

August 2015 - May 2016

University of Wisconsin-Whitewater (Whitewater, WI)

College of Arts and Communication  
Media Arts and Game Development

Web Design and Development.  
Gaming News Website Production Studio.  
Mobile Web AR. Senior Capstone.

### Instructor, part-time

Georgia Institute of Technology (Atlanta, GA)

School of Literature, Media, and Communications  
August - December 2012, January - May 2014

Social Media Research and Theory.  
Visual Design, Information Design.

### Instructor

Bowling Green State University (Bowling Green, OH)

Visual Communications Technology Department  
August 2008 - May 2010

Interactive Media and Software for Digital Photography.

Digital Arts Department / School of Art  
August 2007 - June 2008

Imaging, Interactive, Video and 3D digital art.

### 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.

## EDUCATION

**MSc**, 2012

Digital Media

Georgia Institute of Technology

Atlanta, GA

**MFA**, 2006

Interactive Design & Game Development

Savannah College of Art & Design

Savannah, GA

**BA**, 1988

Major: History of Art

University of Michigan

Ann Arbor, MI

## Technical Project Manager

Braincraft (New York, NY)  
2000

Created budgets and proposals, Managed production and resources for online projects.  
Acted as company interface for clients, communicating project status.

## 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)  
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

### Video

Final Cut Pro  
After Effects CC 2017

### Design / Layout

InDesign CC 2017  
Illustrator CC 2017

### Interactive / Web / Image

Photoshop CC 2017  
Animate CC 2017 / AS 3.0  
Dreamweaver CC 2017  
HTML5 / XHTML / CSS3  
Web App Development  
Mobile Web Development

### AR / VR

Mobile Web AR  
A-Frame / AR.js

Google Cardboard  
Google Daydream  
Microsoft HoloLens

### Programming / Scripting

iPhone App Dev  
Objective-C  
Processing / JAVA  
JavaScript, jQuery  
XML  
MAX 7  
R

### Fabrication

Laser Cutter  
3D Printer

### 3D / VR

MAYA  
SketchUp  
Unity

### Electronics / Microcontrollers

Arduino  
midiTron  
TI LaunchPad  
Huzzah ESP8266

### Tangible Interface

reactIVision

## **SELECTED CONFERENCES**

- 2013** Seventh International Conference on Tangible, Embedded, and Embodied Interaction  
Barcelona, Spain
- 2018** Museums and the Web, 22nd Annual Conference  
Vancouver, B.C., Canada
- MCN 2018, 51st Annual Museum Computer Network Conference  
Denver, CO

## **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
- 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
- 2011** 100 x 100, Triangle Arts Association  
New York, NY