I hope to find a position at the intersection of art and technology where my creative skills and technical knowledge can both be brought to bear on projects that will most benefit from my experience.

## **Profile**

I am a composer and sound designer with more than 25 years of experience working in professional audio both as a freelancer and as part of a staff. I also have more than 10 years of experience working in software development and computer science research. Additionally, I have project management experience and taught art and technology courses at the university level.

COMPOSER

- · Versatile comfortable working across many genres from classical to contemporary
- Experienced credits in a wide variety of mediums including stage, video/film, and games
- Collaborative responsive to feedback while providing multiple alternatives for quick turnarounds

SOUND DESIGNER

- · Range well-versed in all aspects of audio production, from recording to mastering
- · Creative able to devise original content using pre-recorded material, or building from scratch
- · Seasoned use experiences from across a wide variety of project types to create unique designs

DEVELOPER

- · Knowledgeable experience with many technologies, from sensors, to mobiles, to the web
- · Architect experienced in overseeing design of multi-layered systems through their entire lifecycle
- Practical able to quickly identify, document, and implement solutions for easy, or hard, problems

## Experience

#### INSTRUCTOR, UNIVERSITY OF ILLINOIS, DEPARTMENT OF THEATRE: URBANA, IL - 2014 - PRESENT

Taught sound design courses to graduate and undergraduate students. Advise student designers in the sound design process for resident productions in the Krannert Center for the Performing Arts. Recruit and advise new graduate and undergrad students. Formulate design of new sound design curriculum.

LEAD DEVELOPER, LABORATORY FOR AUDIENCE INTERACTIVE TECHNOLOGIES: URBANA, IL - 2014 - PRESENT

Serve as lead designer and architect on project developing software platform intended for use in conjunction with live performance events. Managed graduate and undergraduate students in development tasks. Coordinate multiple events using LAIT technology.

RESIDENT COMPOSER / SOUND DESIGNER, ORGANIC THEATER COMPANY: CHICAGO, IL - 2007 - PRESENT

Guerrilla store-front theater company; composition of incidental and practical music for productions; production of sound effects; production of public relations audio content; and audio consultant.

#### AUDIO DIRECTOR, MUTINY GAMES: NEW YORK, NY - 2011 - 2013

Acquired and recorded vocal talent, composed music, designed sound effects and executed audio programming for video game and interactive products produced by an independent game company.

#### RESEARCHER, NATIONAL CENTER FOR SUPERCOMPUTING APPLICATIONS: URBANA, IL - 2009 - 2013

Collaborated on several academic research projects including the development of a software framework created to support the use of virtual environments by researchers in the arts and humanities and the development of software technologies to facilitate the presentation of Japanese cultural events to and from remote venues and over the internet.

#### DEVELOPER, COALMARCH PRODUCTIONS: CARY, NC - 2006

Developed foundational elements for a customizable job tracking system; and designed and maintained databases and servers.

RESIDENT COMPOSER / SOUND DESIGNER, NEW THEATRE: MIAMI, FL - 2005 - 2006

Named associate artist in 2004; composition of incidental and practical music for productions; production of sound effects for productions; production of public relations audio content; and audio consultant.

RESIDENT COMPOSER / SOUND DESIGNER, PLAYMAKERS REPERTORY COMPANY: CHAPEL HILL, NC – 2001 - 2006 Top-tier regional theatre company; composition of incidental and practical music for productions; production of sound effects and other music, as well as sound reinforcement for productions; and purchasing, repair and maintenance of sound equipment.

DEVELOPER, PBM GRAPHICS, INC.: DURHAM, NC - 2000 - 2006

Developed several automated software solutions for prepress workflow; designed, implemented and maintained software solutions for job tracking, shipping and logistical management; designed and maintained databases and servers; and served as the corporate webmaster.

# Education

University of Illinois, Champaign, IL; A.Mus.D., Music Composition, August 2017 (anticipated) Northern Illinois University, DeKalb, IL; M.M., Computer Music and New Media, 2008 Ball State University, Muncie, IN; B.G.S., emphasis in Music Composition and Theatre, 2005

## Skills

### AUDIO / MIDI

Apple's Logic, Avid's ProTools, Ableton Llve, Audacity, MOTU's Digital Performer, Cycling 74's Max/MSP and Max for Live, Pd, CSound, SuperCollider, Wwise, FMOD, QLab, SFX, and a wide variety of additional analysis programs, plugins, software instruments, collaborative tools etc. Extensive experience with a wide variety of analog and digital hardware from manufacturers such as Yamaha, Avid, Midas, EAW, etc.

### SOFTWARE DEVELOPMENT

*Languages*: AppleScript, Visual Basic Scripting, VB, C#, ASP, C++, C, Objective-C, PHP, Javascript, Java, JSP, XML, XSLT, HTML, CSS, jQuery, SQL, Python, PERL, and Common Lisp

Platforms: Windows, MacOS, Unix, iOS, Android, Flash, .NET, Mono, Cocoa

Environments: Visual Studio, Xcode, Eclipse, Unity, Unreal, Processing

### MISC

Final Cut Pro, Motion, After Effects, Photoshop, Premiere, Photography, Bread-making, Candy-making

### References

Available upon request.