

Mary Lindsey

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marylindseyaudio.com

Professional Profile

I have a background in music technology, composition, and theory from Furman University. Following my undergraduate education, I pursued a master's degree in audio engineering from Belmont University where I focused on research in spatial audio, DSP, psychoacoustics, and machine learning. I am expected to graduate in May of 2020 following the completion of my thesis and defense.

- Thesis titled, "An HRTF model built on continuously variable IIR filters"
 - My goal is proof-of-concept in developing a monetarily and computationally inexpensive method for modeling an HRTF for use in stereophonic systems in VR/AR environments.
- Experience in formal audio research involving human subjects
- DSP programming in Matlab
- Software development in C++
- Programming in Python
- Experience in recording/mixing in both studio and live environments
- Production Experience in Pro Tools, Ableton Live 9, and Logic Pro X

Professional Accomplishments

Video Game Audio Software Development

- I am currently working in conjunction with my advisor on a virtual reality related development project funded by Epic Games and the State of Tennessee culminating in a publishable paper, completed product, and a week-long educational workshop in the summer of 2020 on the basics of video game audio.

Experience

July 2017 – Present

Assistant Band Director/Audio Engineer, Sycamore High School, Pleasant View, TN

May 2017 – August 2018

Audio Engineer, Youth Education in the Arts - The Cadets drum and bugle corps, Allentown, PA

May 2016 – May 2018

Jazz Area Sound Engineer, Furman University, Greenville, SC

May 2016 – May 2018

Music Technology Teaching Assistant, Furman University, Greenville, SC

August 2015 – May 2018

Departmental Recording Engineer, Furman University, Greenville, SC

Certifications Audinate Dante Certification Levels 1 & 2

Professional Organizations Audio Engineering Society
Percussive Arts Society

Education Master of Science in Audio Engineering
Belmont University
Nashville, TN
Expected May 2020

Bachelor of Arts in Music, *cum laude*
Furman University
Greenville, SC
May 2018

References Wesley Bulla
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