

EDUCATION

University of North Carolina at Asheville

B.S. in Music Technology | GPA: 3.591

Distinction as an Undergraduate Research Scholar / Distinction in Music Technology

Asheville, NC

Aug. 2021 – May 2024

WORK EXPERIENCE

- **Audio Visual Specialist**, Harrisburg United Methodist Church (12/2024 - Present)

Lead front-of-house engineer utilizing Yamaha's TF5 console for reinforcement, monitors, and streaming. Install, set up, and configure a variety of AV equipment including video switches, projectors, monitors, streaming software, digital audio desks, speakers, lighting, and cabling. Diagnose and resolve technical issues related to the performance and functionality of AV equipment. Manage PowerPoint slide deck during services. Operate camera displays and picture displays for live streaming using Blackmagic ATEM software. Facilitate Facebook streams for each service. Maintain accurate inventory records of all AV equipment and conduct thorough safety checks before each use. Collaborate closely with team members to execute additional tasks as needed.

- **Audio Visual Event Support Technician**, The University of North Carolina at Charlotte (09/2024 - 03/2025)

Utilization of Biamp, Extron, and Crestron networked AV systems to ensure classrooms and events are operating properly. Responsible for providing quality live AV and computer support services for the University and external clients. Provide user assistance and training with operation of multimedia systems and interact with staff, faculty, and guests. Conducting regular inspection of Production Facilities; perform analysis, diagnosis, and resolution of complex AV hardware problems and implement corrective solutions; maintain documentation of AV maintenance, failures, removal and installation; maintain inventory of Production equipment.

- **Recording Studio & Mixing/Mastering Studio Manager**, The University of NC at Asheville (Spring 2022 - Summer 2024)

Directed students working with digital and analog recording formats and mixing techniques, utilizing analog hardware and digital software, scheduled studio sessions, trained students to use microphones such as the Coles 4038 and Neumann U 87, troubleshooted equipment and software, repaired equipment, calibrated Tascam MS-16, and conducted office hours where assistance with equipment, software applications, signal flow, projects, and assignments in the studios could be accessed.

- **Course Ambassador**, The University of NC at Asheville

~ **Recording Studio Practicum I** (Spring 2024)

Instructed students enrolled in MUSC 385 working in various recording formats and specific recording techniques. Demonstrated and explained signal flow utilizing the SSL AWS 900 and patchbays. Assisted with recording sessions.

~ **Live Sound Practicum** (Fall 2023)

Trained students enrolled in MUSC 300 on fundamental signal flow operations and live mixing techniques within hybrid analog and digital environments by reviewing mixing console operations. Led practice sessions with a focus on the A&H C3500/DM32 and demonstrated implementation of Dante network protocols for live concert recording and mixing in various environments.

~ **Electronic Music Composition** (Spring 2023)

Taught students enrolled in MUSC 358 in the Bob Moog studio. Explained and demonstrated specific analog/digital synthesis techniques utilizing instruments and software applications: Moog and Eurorack; Max/MSP and Pure Data; and more.

TECHNICAL SKILLS

Operating Systems: Mac OS, Microsoft OS

Digital Audio Workstations: Pro Tools, Ableton Live, Logic
Studio Recording

Audio Post-Production for Video

Mixing & Mastering

Analog/Digital/Procedural Synthesis

Acoustics Software

Wireless Audio Protocols

Composing/Arranging Software

Multichannel Audio Formats

AoIP Networks

AV for Live Entertainment

Video and Photo Editing

Tape Operation

PUBLICATIONS

Digital Simulation of the Cochlear Implant's Signal Processing Algorithm Modeled for Speech and Investigation of Methods to Improve Musical Cognition and Recognition

CERTIFICATIONS

Audinate - Dante levels 1-3
Allen & Heath - dLive Certified Engineer
Biamp - Tesira Core Concepts & TesiraFORTÉ

Extron - AV Associate
Shure - Microflex Complete Wireless Technical Enablement
UNC Charlotte - Certified Scissor Lift Operator

PROFESSIONAL MEMBERSHIPS

Audio Engineering Society - Carolinas Regional Chapter