

Michael Benjamin Foster

reach out for references and contact info: connect[at]foster[dot]audio

EDUCATION

University of Rochester

Bachelor of Science, Audio and Music Engineering (GPA 3.78)

Rochester, NY

May 2024

Relevant Coursework:

Acoustics: loudspeaker design; measurement, simulation, and treatment of room acoustics. **Signal Processing:** Fourier Series, DFT, FIR/IIR filters, DAC conversion. **Audio Software:** real-time C++ audio processing, Max programming, MIDI/OSC processing. **Audio Hardware:** circuit analysis, RLC filters, transistor biasing, multi-stage amplifier and power supply design, guitar distortion. **Audio Engineering:** recording for music and film, critical listening, studio mixing, sound design.

EXPERIENCE

FREELANCE LIVE SOUND ENGINEER

Independent Contractor

MD, NJ, & NY

May 2017 – present

- Acted as FOH A1, A2, monitor engineer, and audio technician for countless performances, events, and venues throughout the Baltimore MD, Rochester NY, and greater NYC areas.
- Mixed for rock, folk, pop, classical (choral and instrumental), as well as spoken word/corporate work.
- Extensive musical theatre experience, including DCA mixing and 15+ person live pit orchestras.
- Designed and executed complex systems using audio networking such as Dante and AVB.
- Gained comfort with operation and system design/troubleshooting of many modern digital consoles including Yamaha CL/QL, Midas M32/X32, DiGiCo SD, A&H dLive, A&H SQ, and Midas Pro 2.
- Worked primarily in venues between 300-1200 capacity. Occasional experience at 2500+.

EVENT MANAGEMENT (ECM) - UNIVERSITY OF ROCHESTER

Event Support Technician (Level III Student Supervisor), AV Engineer

Rochester, NY

Sep 2021 – present

- Completed sound operations for dozens of events, from live music to dance to theatrical performances.
- Chosen as A1 for high-profile events such as University Commencement and prolific guest speakers.
- As the only current student promoted to Event Supervisor, served many roles in all campus venues.
- Trained supervising staff on advanced software integration with QLab, OSC, LTC, TheatreMix, and more.
- Educated younger employees about best practices and fundamentals of lights and sound. Resolved hundreds of logistical and technical issues by working closely and directly with ECM's clients.

SAGE AUDIO VIDEO TECHNOLOGY

Assistant AV Engineer

New York, NY

Jun 2021 – Jan 2022

- Designed complex residential and commercial AV systems with a small team of professional engineers.
- Created schematic diagrams for each project for use in proposals, planning, and on-site installation.
- Identified technical problems with initial sales proposals and worked directly with project managers to recommend alternate products and resolve technological issues prior to installation.

SKILLS

- **CAD Experience** – Highly proficient in AutoCAD (schematics); comfort in Vectorworks, Fusion.
- **Working with hardware** – Skilled at soldering, working with protoboards, assembling PCBs, repairs.
- **Computer Science** – Lifelong coder: strong literacy in C/C++, Java, Python, MATLAB, JS/HTML/CSS.
- **Highly-trained ear** – Skilled with analytical listening techniques and acoustic measurements such as Dual FFT in OpenSoundMeter and Smaart for live reinforcement.
- **Guitarist** – 15 years of lessons, now at Eastman School of Music. Played with many jazz/pop groups.

REFERENCES

- [REDACTED]
- [REDACTED]