

Michael Lundy

Music Engineer & Audio Technology Developer

mml260@miami.edu | (703) 955-2230

Personal Website: mikelundymusic.com

Education

University of Miami – Frost School of Music | B.S Music Engineering, Computer Engineering Minor

Expected May 2027 | M.S Music Engineering, Expected May 2028

- GPA: 3.99/4.0
- Relevant Coursework: Digital Audio Theory, Audio Software Development, Audio Electronics, Computational Psychoacoustics, Acoustics, Data Structures, Software Engineering and Architecture, Electrical Circuit Theory, Calculus II, Physics, Logic Design
- Chair of Frost Student Dean's Council and member of Foote Fellows Honors program

Audio Technology Work

Founder and President

Aligno | Coral Gables, FL

Fall 2025-Present

- Developed an AI driven transient detection technology for multitrack audio editing designed to prevent phase distortions
- Recipient of USTAAR Venture Catalyst Award for seed funding through a highly competitive pitch competition
- Designed audio-processing and machine-learning workflows for transient detection and multitrack alignment

AI Co-creator

CHAI | Miami, FL

March 2025–December 2025

- Trained a Variation Transformer model and explore creative uses for generating MIDI variations on a given theme
- Collaborated on code augmentation and documentation for submission to the International AI Song Competition
- Third place in International AI Song Contest 2025 and Frost School of Music AI Competition 2024 champion

Studio Experience

Production Assistant

Nick Morzov Studios | Los Angeles, CA

Summer 2026

- Finalized client mixes, edited multitrack sessions, tuned vocals, and supported sessions for Grammy award winning artists and producers
- Repaired studio equipment, replaced amplifier tubes, wired speaker cabinets, and created impulse response libraries for guitar cabinets
- Supported studio installation and technical development for Animals As Leaders

Studio Engineer Intern

Sweetwater Studios | Fort Wayne, IN

Summer 2025

- Supported recording sessions including managing sessions, creating Pro Tools templates, editing, sample reinforcement, and re-quantization
- Direct collaboration with Grammy and Juno-winning producers, engineers, and artists on recording, editing and mixing
- Guitar tech work to maintain and upkeep the studio guitar collection, including the participation in classes to learn the Sweetwater guitar setup

Work Experience at Frost School of Music

Studio Manager

University of Miami | Coral Gables, FL

August 2024–Present

- Manage operations and equipment for the L. Austin Weeks and Patricia Luis Frost recording studios
- Train and test students seeking studio certification and manage new studio installations and updates

Live Sound and Recording Services Engineer

University of Miami | Coral Gables, FL

August 2023–Present

- Provide live sound reinforcement and concert recording for events held at the University of Miami
- Operate Yamaha QL1 and Rivaage consoles and Dante networked audio systems
- Train students on recording techniques and live sound operations

Technical Skills

- Programming: C++, Matlab, Python, JUCE (C++ Framework)
- Audio/DSP: Digital Audio, Acoustics, Spatial Audio, Audio Measurement, Pro Tools, REW, Dante
- Software: Pro Tools, Logic Pro X, Studio Pro, Ableton Live, Premiere Pro, Final Cut Pro, Photoshop, PSPICE, REW, Express PCB, MuseScore

Honors

- President's, Provost's and Dean's Honor Rolls
- Dante Certification Level 1 and 2
- President's Music Scholarship, Stanford and Dolores Ziff Family Scholarship, and Dorothy Traficant-Vlachos Scholarship recipient