

# Miles Jefferson Friday



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## RESUME

### EMPLOYMENT

2023-present Assistant Professor of Digital Music, **University of Texas at San Antonio**

### EDUCATION

- 2023 DMA in Music Composition, **Cornell University**
- 2021 MFA in Music Composition, **Cornell University**
- 2018 MA in Music Composition, **Eastman School of Music**
- 2016 BM in Music Composition, **Indiana University Jacobs School of Music**, with honors.

### TEACHING EXPERIENCE

#### *University Teaching*

- 2023-24 Instructor of Record, University of Texas at San Antonio  
MUS 3633: *Seminar in Object-Oriented Sound Design*  
MUS 4581: *Digital Music Lab (SAILOR: San Antonio Improvisatory Laptop Orchestra)*  
MUS 3123: *Introduction to Computer and Electronic Music*
- 2022 Instructor of Record, Cornell University  
Music: 3424: *Considered Listening: Sound, Ears, and Loudspeakers in Creative Practice*
- 2019-21 Teaching Assistant; lecturing and instructing biweekly labs, Cornell University  
Music 2421: *Computers in Music Performance*  
Music 2260: *Music of the 1960s*  
Music 1421: *Introduction to Computer Music*  
Music 1105: *Introduction to Western Music Theory*

- 2016-18      Instructor of Record, Eastman School of Music  
                    Composition 251: *Basics of Orchestration*  
                    Composition 240: *Music Engraving and Calligraphy*
- Teaching Assistant; instructing biweekly labs, Eastman School of Music  
                    Composition 226: *Introduction to Computer Music II*  
                    Composition 225: *Introduction to Computer Music I*

*Additional Teaching Experience*

- 2016-18      Instructor of Record, University of Rochester Pre-College  
                    *Music on the Edge*
- Instructor of Record, Eastman Community Music School  
                    *Composition: Computer Music*

**AWARDS, GRANTS, FELLOWSHIP & OTHER HONORS, selected**

- 2023            Grant, Vice President for Research, Economic Development and Knowledge  
                    Enterprise Travel Support Program, UTSA.
- Grant Winner (Project P.I.), Collaborative Digital Humanities Fellows  
                    Competition, College of Liberal and Fine Arts at UTSA, “Amplifying Identity:  
                    Digital Soundscapes and Storytelling in San Antonio.”
- Winner, Best Music Video, Adria Shorts International Film Festival, for *A Falling  
                    Loop*.
- 2022            Don M. Randel Teaching and Research Fellowship, Cornell University  
                    Department of Music, to design and teach “Considered Listening: Sound, Ears,  
                    and Loudspeakers in Creative Practice.”
- Third Place, Boston GuitarFest Composition Competition, for *Traced Forms*.
- Otto R. Stahl Memorial Award, Cornell University Music Department, for *The  
                    Space We Hold*.
- Finalist, ASCAP/SEAMUS Student Commission Competition, for *All the little  
                    spots in its Geography*.
- Dissertation Research Travel Grant, Cornell University Graduate School, to  
                    support archival research on Iannis Xenakis and Maryanne Amacher.
- Conference Travel Grant, Cornell University Graduate School.
- Donald J. Grout Travel Grant, Cornell University Music Department.
- Sage Fellowship, Cornell University Graduate School.
- 2021            Finalist, Morton Gould Young Composer Award, ASCAP, for *the thing itself,  
                    unfolding*.

- Individual Art Grant, Cornell University Council for the Arts (CCA), for the production of a “Mobile Loudspeaker Invention and Installation.”
- 2020 First Place, Twisted Spruce Symposium Composition Competition Prize, Twisted Spruce Music Foundation, for *Traced Forms*.  
 Otto R. Stahl Memorial Award, Cornell University Music Department, for *the thing itself, unfolding*.  
 Conference Travel Grant, Cornell University Graduate School.  
 Donald J. Grout Materials and Supplies Grant, Cornell University Music Department.
- 2019 Individual Art Grant, Cornell University Council for the Arts (CCA), for the production of “Yarn/Wire Residency: Hacking, Deconstruction, Dismantling.”  
 President’s Travel Fund for the Humanities, Cornell University Graduate School.  
 Conference Travel Grant, Cornell University Graduate School.  
 Donald J. Grout Travel Grant, Cornell University Music Department.
- 2018 Sage Fellowship, Cornell University Graduate School.  
 Donald J. Grout Travel Grant, Cornell University Music Department.
- 2017 First Place, Wayne Brewster Barlow Prize, Eastman School of Music, for *Chamber Symphony #1*.  
 Finalist, Morton Gould Young Composer Award, ASCAP, for *Chamber Symphony #1*.  
 Paul Sacher Scholarship, University of Rochester.
- 2016 First Place, Kuttner String Quartet Composition Competition, Indiana University Jacobs School of Music, for *Peripatetic Doors*.  
 Finalist, Morton Gould Young Composer Award, ASCAP, for *Peripatetic Doors*.
- 2015 First Place, String Quartet Collaboration Project with the Pacifica Quartet, Indiana University Jacobs School of Music, for *Structures Of*.  
 Founders Scholar, Indiana University, for “sustained academic excellence.”
- 2014 Finalist, Morton Gould Young Composers Award, ASCAP, for *Thus Spoke Abraxas*.  
 Summer Creative Arts Grant, Indiana University Hutton Honors College, for extended study at IRCAM’s ManiFeste Academy.
- 2014 Founders Scholar, Indiana University, for “sustained academic excellence.”
- 2013 Founders Scholar, Indiana University, for “sustained academic excellence.”
- 2012 Barbara and David Jacobs Scholarship, full tuition merit-based scholarship, Indiana University Jacobs School of Music.  
 Morton Gould Young Composer Award, ASCAP, for *Enterprise*.

First Place, Robert Avalon International Competition for Composers, Foundation for Modern Music, for *Call to Mind*.

First Place, Whatcom Symphony Orchestra Young Composers Competition, Whatcom Symphony Orchestra, for *Brobdingnagian*.

## **FESTIVALS & CONFERENCES, selected**

- 2023      IntAct Festival. Bangkok, Thailand (December).  
            Waterford International Film Festival. Waterford, Ireland (November).  
            Experimental Superstars Film Festival. Novi Sad (Siberia), Russia (November).  
            Academic Data Science Alliance Annual Meeting. San Antonio, TX (October).  
            International Computer Music Conference. Shenzhen, China (October).  
            New York Animation Film Festival. NYC, NY (September).  
            Lift-Off Filmmaker Sessions by Lift-Off Global Network, Online (July).  
            ECOador Environmental Film Festival. Quito, Ecuador (July).  
            Steve Aronson International Film Festival. Costa Rica (July).  
            Adria Shorts International Film Festival. Zadar, Croatia (May).  
            Interaction Collaboration in the Humanities. Ithaca, NY (May).
- 2022      Works In-Process. Ithaca, NY (November).  
            Philadelphia Fringe Festival. Philadelphia (October).  
            International Computer Music Conference (ICMC). Limerick, Ireland (July).  
            New York City Electroacoustic Music Festival (NYCEMF). NYC (June).  
            Society of Composers Incorporated (SCI) National Conference. Online (May).  
            Electronic Music Midwest. Romeoville, IL (April).  
            Society for Electro-Acoustic Music in the United States (SEAMUS) Conference. Kalamazoo, MI (March-April).  
            The 21<sup>st</sup> Century Guitar. Muncie, IN (March).
- 2021      11<sup>th</sup> International Young Composers Academy in Tchaikovsky-city. Moscow and Chaykovsky, Perm Krai, Russia (August-September).  
            ilSUONO Contemporary Music Week. Città di Castello, Italy (July). *\*Online|Covid*  
            New York City Electroacoustic Music Festival (NYCEMF). NYC (June). *\*Online|Covid*  
            St. Petersburg International New Music Festival, “reMusik.org.” St. Petersburg, Russia (May-June).  
            Society for Electro-Acoustic Music in the United States (SEAMUS) Conference (April). *\*Online|Covid*

- National Student Electronic Music Event (April). \*Online|Covid  
 Music and Movement Conference, University of Pittsburgh. Pittsburgh, PA  
 (January). \*Online|Covid  
 precept.concept.percept. Amsterdam, the Netherlands (January). \*Online|Covid
- 2020 Thailand New Music and Arts Symposium: Human, Technology, and Simulation.  
 Bangkok, Thailand (December). \*Online|Covid  
 Twisted Spruce Guitar and Composition Symposium. Colorado Springs, CO  
 (July-August). \*Online|Covid  
 New York City Electroacoustic Music Festival (NYCEMF). NYC (June).  
 \*Online|Covid
- 2019 Grafenegg Festival: Ink Still Wet. Grafenegg, Austria (August-September).  
 Thailand New Music and Arts Organization Symposium: Beyond Boundaries.  
 Bangkok, Thailand (July).  
 Splice Institute. Kalamazoo, MI (June).  
 June in Buffalo. Buffalo, NY (June).  
 Red Note New Music Festival. Bloomington-Normal, IL (February).
- 2018 IRCAM ManiFeste: workshop with Ensemble Intercontemporain. Paris, France  
 (June).
- 2017 SinusTon Electronic Music Festival. Magdeburg, Germany (October).
- 2015 Saint Mary's Summer Composition Intensive. Notre Dame, IN (June).  
 IRIS Film Festival. Bloomington, IN (January).
- 2014 IRCAM ManiFeste, Computer Music Workshop. Paris, France (June-July).

*Additional Performances, Collaborators, & Hosting Institutions, selected*

- 2023 **Tacet(i) Ensemble**, *SONIC OPERATOR*, Bangkok Arts and Culture Center,  
 premiered (December).  
**Adria Shorts International Film Festival**, *A Falling Loop*, Zadar, Croatia  
 (May).  
**Flight Gallery**, solo performance, opening for Twig Harper, San Antonio, TX  
 (October).
- 2022 **Ingrown Radio**, *A Falling Loop*, radio broadcast (December).  
**Avopolis Radio Diggin Radio Show**, *A Falling Loop*, radio broadcast  
 (December).  
**NOMON**, *The Forever*, \*~, Cornell Cinema, Ithaca, NY, premiered (November)  
**Tacet(i) Ensemble**, *Variable Needles*, Milstein Hall, Ithaca, NY, premiered  
 (November).

**Tacet(i) Ensemble**, *The Space*, \*~, Neylan Hall, Ithaca, NY, premiered (November).

**2022 World Ensemble**, *A Falling Loop*, premiered online (November).

*Glitch Glitch*, Neylan Hall, Ithaca, NY, played (November).

*Fake Distributions*, Neylan Hall, Ithaca, NY, played (November).

**A Year of Deep Listening**, *Getting to Know Your Loudspeakers*, listening score presentation/publication online (October).

**ICMC**, *i dreamt i heard them blooming*, Limrick, Ireland, exhibited (July).

**NYCEMF**, *i dreamt i heard them blooming*, Sheen Center for the Arts, NYC (June).

**Boston Guitar Festival**, *Traced Forms*, Boston, MA (June).

**RadioASCOLI**, *Peripatetic Doors*, Italy, radio broadcast (June).

**Society for Composers Inc.**, *Start With Two Points | And Draw A Line*, online stream (May).

**Noppakorn Auesirinuroch**, *FEEDBACK*, Neylan Hall, Ithaca, NY, performed (May).

**Noppakorn Auesirinuroch**, *GROOVE*, Neylan Hall, Ithaca, NY, performed (May).

**SUNY Fredonia Guitar Ensemble**, *A Falling Loop*, Rosch Recital Hall, Fredonia, NY, performed (April).

**Electronic Music Midwest**, *Glitch Glitch*, Philip Lynch Theatre, Romeoville, IL, played (April).

**Festival Chamber Orchestra**, *The Space We Hold*, Barnes Hall, Ithaca, NY, premiered (March).

**SEAMUS**, *All the little spots in its Geography*, multimedia room, Kalamazoo, MI, played (March).

**Thomas Aquino**, *Traced Forms*, Muncie, IN, performed (March).

**Red Desert Ensemble**, *Start With Two Points | And Draw A Line*, Neylan Hall, Ithaca, NY, premiered (February).

2021 **Israeli Chamber Project**, *Chain Blossoms*, Tel Aviv, Israel, recorded (December).

**Israeli Chamber Project**, *Chain Blossoms* Barnes Hall, Ithaca, NY, performed (October).

**Moscow Contemporary Music Ensemble**, *A Series of Loops*, Moscow Philharmonic Chamber Hall, Moscow, Russia, performed (September).

**Moscow Contemporary Music Ensemble**, *A Series of Loops*, Tchaikovsky Arts Center, Tchaikovsky-city, Perm Krai, Russia, performed (September).

**.alfabet ensemble**, *I Sheltered Myself*, Conservatorium van Amsterdam, Amsterdam, recorded (August).

**Ensemble Suono Giallo**, *Three Scenes | Ten Games*, premiered online (August).

**Tacet(i) Ensemble**, *for bass clarinet, trombone, cello, contact microphones, loudspeakers, and motors*, Princess Galyani Vadhana Institute of Music, Bangkok, Thailand, performed (August).

**.alfabet ensemble**, *I Sheltered Myself*, “Re\_humanizacija Festival,” OSMO/ZA Culture Center, Ljubljana, Slovenia, premiered (July).

**Ensemble Suono Giallo**, *Three Scenes | Ten Games*, Teatro Comunale degli Illuminati, Città di Castello, Italy, recorded (July).

**NYCEMF**, *for loudspeakers, contact microphones, and motors*, online exhibition (June).

**Yarn/Wire**, *Getting to Know Your Loudspeakers*, online, premiered (May).

**GAMensemble**, *All the Little Spots in its Geography*, New Stage of the Alexandrinsky Theater, St. Petersburg, Russia, performed (May).

**Wet Ink Ensemble**, *All the Little Spots in its Geography*, online, premiered (May).

**SEAMUS**, *for loudspeakers, contact microphones, and motors*, online exhibition (April).

**Wet Ink Ensemble**, *All the Little Spots in its Geography*, Sholes Street Studio, NYC, recorded (April).

**National Student Electronic Music Event**, *Study for sting Instrument #1*, presented online (April).

**Cornell Council for the Arts**, *i dreamt i heard them blooming*, online exhibition (April).

**Yarn/Wire**, *Getting to Know Your Loudspeakers*, Yarn/Wire Rehearsal Studios, NYC, recorded (April).

**SEAMUS**, *Chain Blossoms*, online performance (April).

**University of Pittsburgh**, Music and Movement Conference, *for loudspeakers, contact microphones, and motors*, online exhibition (January).

**AIR Contemporary Music Collective**, *for erhu and guqin*, 77 Theater, Beijing, China, premiered (January).

2020

**Tacet(i) Ensemble**, *for bass clarinet, trombone, cello, contact microphones, loudspeakers, and motors*, Bangkok Arts and Cultural Center, premiered (December).

**Bangkok Arts and Culture Center**, *Getting to Know Your Loudspeakers*, Bangkok, Thailand, presented and screened (December).

**Bangkok Arts and Culture Center**, *for loudspeakers, contact microphones, and motors*, Bangkok, Thailand, exhibition (December).

**Thomas Aquino**, *Traced Forms*, Ford Hall, Bloomington, IN, premiere (August).

**When Machines Rock: A Celebration of Robert Moog and Electronic Music**, *Glitch Glitch*, Sage Chapel, Ithaca, NY, premiered (February).

**Festival Chamber Orchestra**, *the thing itself, unfolding*, Barnes Hall, Ithaca, NY, premiered (January).

2019 **Unheard-of//Ensemble**, *Study for String Instrument #2*, Lincoln Hall, Ithaca, NY, performed (September).

**Österreichischer Rundfunk (ORF)**, *Prelude of Panels*, radio broadcast (September).

**Tönkünstler Orchestra**, *Prelude of Panels*, Auditorium Grafenegg, Grafenegg, Austria, premiered (August).

**Tacet(i) Ensemble**, *Simple Music*, Bangkok Arts and Culture Center, Bangkok, Thailand, performed (July).

**Dal Niente**, *Study for String Instrument #2*, Miller Auditorium, Kalamazoo, MI, premiered (June).

**Dal Niente**, *A Corpus Resounding*, Slee Hall, Buffalo, NY, performed (June).

**TAK Ensemble**, *Simple Music*, Barnes Hall, Ithaca, NY, premiered (March).

**Fifth House Ensemble**, *A Corpus Resounding*, Kemp Recital Hall, Bloomington-Normal, IL, premiered (February).

2018 **International Contemporary Ensemble**, *Study for String Instrument #2*, Schwartz Center for Performing Arts, Ithaca, NY, premiered (December).

**Momenta String Quartet and the Cornell University Gamelan Ensemble**, *Ludic Circles*, Barnes Hall, Ithaca, NY, premiered (November).

**Avner Finberg**, *Study for String Instrument #2*, Argos Warehouse, Ithaca, NY, performed (October).

**Ethan Durell**, *Study for String Instrument #2*, Rochester, NY, premiered (September).

**Ensemble Intercontemporain**, *Untitled Study*, IRCAM, Paris, rehearsed and workshopped (June).

**Eastman School Symphony Orchestra**, *Prelude of Panels*, Rochester, NY, recorded (March).

**Ensemble Garage**, *Opticon*, Image-Sound Festival, Hatch Hall, Rochester, NY, premiered (March).

**Eastman School of Music Graduate Composers' Sinfonietta**, *Chamber Symphony #1*, Kilbourn Hall, Rochester, NY, premiered (January).



- 2017 **Eastman Mobile Acousmonium**, *XSS*, Spectrum Galery, NYC, performed (April).  
**Eastman Mobile Acousmonium**, *XSS*, Rochester, NY, premiered (March).  
**Irvine Arditti**, *Meta, Pata*, Rochester, NY, recorded (February).
- 2016 **New Voices Opera**, *The Brothers of Babel*, The State Theater, Bloomington, IN (December).  
**Indiana University New Music Ensemble**, *A Portrait of Dorian Corey*, Auer Hall, Bloomington, IN, recorded (April).  
**Von Quartet**, *Peripatetic Doors*, Recital Hall, Bloomington, IN (February).

### WRITING, PUBLICATIONS, AND ENGRAVING, selected

- 2023 Composer, “Getting to Know Your Loudspeakers,” in *A Year of Deep Listening*, published with Terra Nova Press (an imprint of MIT Press) (forthcoming).  
“Boundary Conditions: Maryanne Amacher and the Instrumentalization of the Environment, Loudspeaker, and Ear,” ProQuest Dissertation & Thesis Global Publication, written dissertation (May).
- 2022 Engraving Artist for Charles Gaines, *Manifestos 4*, parts and full score. Work premiered in Times Square, NYC (July).  
Composer, *A Falling Loop*, sheet music, published with Azahar Press.  
Composer, *Traced Forms*, sheet music, published with Azahar Press.
- 2021 Code Developer, *Auditory Scene Analysis, a SuperCollider Companion (Chapter 1)*, SuperCollider Code (sccode.org), open source contribution, July 27 2021.
- 2019 Engraving Artist for Jordan Musser, “Carl Czerny’s Mechanical Reproductions,” *Journal of the American Musicological Society* 72, no 2 (Summer 2019): 363-429.  
RILM abstract for Mick Grierson and Tim Boon, “The Oramics Machine and the Origins of British Electronic and Computer Music,” *Studies in the History of Science and Technology* 8.  
RILM abstract for Tim T. Hall, “Before the Mask: Birtwistle’s Electronic Music Collaborations with Peter Zinovieff,” *Harrison Birtwistle Studies*.
- 2018 “Divergent Methods of String Notation and their Sonic Results, Physical Movements, and Conceptual Frameworks: A Journey Into the Music of Andrew Norman and Clara Iannotta,” MA written thesis, University of Rochester Digital Repository Mater’s Paper Collection.
- 2016 “Alexander Scriabin and the Generative Properties of His Mysticism,” the Undergraduate Scholar (Indiana University), 2015-16 Academic Year Issue.

**SKILLS AND TOOLS, selected***Programming Languages*

SuperCollider  
Max

Pure Data (Purr-Data)  
Arduino IDE

*Software*

Sibelius  
Affinity Designer  
InkScape  
DaVinci Resolve  
Final Cut Pro  
Adobe After Effects  
Ableton Live  
Audacity

Logic Pro  
Digital Performer  
Reaper  
Spear  
AudioSculpt  
PrusaSlicer  
CAD  
Agisoft Metashape

*Hardware, Controllers, Processors, and Other DIY Components*

Self-Built DIY MIDI Controllers  
Self-Built DIY Synthesizers  
Arduino Boards  
Bela  
Raspberry Pi  
3-D Printers (Prusa3D)  
Servo Motors

Analog Audio Mixers  
Digital Audio Mixers  
Analog Synthesizers  
Outboard Gear  
DC Motors  
DIY Circuitry  
Laser Cutters

*Language*

German, basic reading comprehension.

**REFEREES**

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|----------------------------------|--|
| Marianthi Papalexandri-Alexandri | Assistant Professor of Composition, Cornell University<br>Email: <a href="mailto:mp955@cornell.edu">mp955@cornell.edu</a>  |
| Kevin Ernste                     | Associate Professor of Composition, Cornell University<br>Director, Cornell Electroacoustic Music Center (CEMC)<br>Email: <a href="mailto:kevinernste@cornell.edu">kevinernste@cornell.edu</a> |
| Benjamin Piekut                  | Professor of Musicology, Cornell University<br>Email: <a href="mailto:piekut@cornell.edu">piekut@cornell.edu</a>   |
| Oliver Schneller                 | Professor of Composition, Robert Schumann Hochschule,<br>Düsseldorf<br>Email: <a href="mailto:oliver.schneller@rsh-duesseldorf.de">oliver.schneller@rsh-duesseldorf.de</a>                     |