
NATHAN WHEELER

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FULL CV/LIST OF WORKS

EDUCATION

2015-2017 – Mills College, Oakland, CA – MFA in Electronic Music and Recording Media

3.985 GPA, Full scholarship recipient

TA 2016 Front of House engineer for all live concerts of electroacoustic and 7.4 spatialized audio diffusion

TA 2017 Teaching assistant, Advanced Max/MSP and Advanced Recording Techniques
Organized California Experimental Music Exchange Concert 2016 and Octophonia 8-Channel outdoor spatial audio concert 2017

Taught special workshops in Arduino, Xbee, Ambisonics and Spatialized Sound

Studied with Maggi Payne, Roscoe Mitchell, Fred Frith, James Fei, John Bischoff, Daniel Schmidt

2007 - 2010 – University of Colorado, Boulder, CO – BM in Composition, Music Tech Certificate

3.6 GPA, Deans List

Studied 20th century composition, interactive electroacoustic music, common practice theory, Gamelan SuperCollider, Max/MSP/Jitter, Processing, Final Cut Pro

Co-founded Boulder Laptop Orchestra

Studied with Michael Theodore, John Drumheller, John Gunther, Carter Pann

SCHOLARSHIPS/AWARDS

2024 – UTSA School of Data Science Seed Grant, "Robotic Resonance" Dynamic Sonic Art Sculpture

2015-2017 – Mills College – Full Academic Scholarship, Community Spirit Award

2014-2015 – Darmasiswa Scholarship, ISI Yogyakarta – Java, Indonesia

Studied Javanese Gamelan music at Indonesian Institute of Art for one academic year through Indonesian government-sponsored scholarship

2007-2010 – University of Colorado – Composition Merit Scholarship, Undergraduate Development Award

2003 – Eagle Scout – Boy Scouts of America

RESIDENCIES/WORKSHOPS/LECTURES

February 2024 – Artist Talk, Rhode Island School of Design Digital Media

September/October 2023 – Can Serrat Residency, researching interactive performance and chance composition, El Bruc, Catalunya, Spain

January 2023 – Winslow House arts residency, researching electroacoustic chamber music, Vallejo, CA

September 2022 – Guest Lecture, *Analog Synthesis Uses & Techniques* and *Listening in Motion*, University of Colorado at Colorado Springs

September 2021 – Guest Lecture, *Introduction to Creative Technology and Design*, University of Colorado at Boulder

November 2019 – Listening and Field Recording workshop, Columbia Experimental Music Festival, Columbia, MO

September 2019 – GloGauAIR residency, Robotics Engineer for collaboration with Malcolm Smith, designed and programmed choreographed dancing rat robots, Berlin, Germany

February 2018 – Signal Culture toolmaker residency, focus on digital/analog audio synthesis and interaction/touch for expressive electronic control surfaces, Owego, NY

October 2016 – Coordinated, curated, and produced Octophonia 8-channel outdoor spatial audio showcase, Mills College, Oakland, CA

October 2015 – Co-organized and curated California Electronic Music Exchange Concert with artists from Stanford, UC Berkeley, CalArts, and UCLA

January 2014 – Xbee wireless protocol workshop for Emergent Digital Practices MFA, University of Denver

June 2012 – Producer in Residence at Beauty Shop Residency in Fairfield, Iowa

September 2009 – Master Class with Kronos Quartet, CU Boulder

August 2009 – Master Class with George Crumb, CU Boulder

SELECTED COMPOSITIONS/LIST OF WORKS

Jan 2025 – “Early Apollo” Live improvised audiovisual performance with SuperDraw

October 2024 – Musical score for “Øy” dance film with choreographer Alexandra Lockhart

June 2024 – Musical scores for “Life and Trust” immersive theater production, Wall Street, Manhattan, NY

May 2023 – Various musical scores for dance pieces with choreographer Alexandra Lockhart in residence with LASP space program, CU Boulder

October 2023 – “Tres Composiciones Para Piedras,” Can Serrat artist residency, Barcelona, Catalunya

August 2023 – “Nusuth” Audio/Visual fixed media piece, Fridman Gallery, NYC

June 2023 – “Robotic Resonance” exhibition at *Currents* festival, Santa Fe, NM

May 2023 – “Inflorescence” free improvisation recording with flautist Jane Rigler, released on DASA Tapes, Athens, Greece

September 2022 – Musical score for “Follow the Flow” dance film with choreographer Alexandra Lockhart

July 2022 – Score for Analog Scarcity “Isometric Dodecahedrons” NFT collection minted on foundation.xyz

February 2022 – Score for Bitedown Dance Company’s “Cracked Teeth” at Center for Performance Research, Brooklyn, NY

July 2021 – Score for Analog Scarcity “Isometric Octahedrons” NFT collection minted on foundation.xyz

November 2020 – “Tallgeese” custom DIY Serge modular synthesizer instrument

February 2020 – Score for Bitedown Dance Company’s “The Blue Season” at Center for performance Research, Brooklyn, NY

June 2019 – Score for “Museum of Plastic,” 3 videos

August 2018 – Score for Bitedown Dance Company’s “Eating Daisies” at Gibney Dance, Manhattan, NYC

March 2018 – “Three Scores in Northern New Mexico” text performance score

May 2018 – “How to Make Light” found-text collage performance score

February 2018 – “Touch Controller” USB conductive performance interface

March 2017 – “Signal Flow” MFA thesis performance utilizing dance, video synthesis, projection, ambisonic audio, text score for violin duo

February 2017 – “9 Sets” aleatory string quartet, premiered at Metropolitan Museum of Art, NYC

August 2014 – “Radio” robotized and sequenced bells in antique radio

August 2014 – Score for “W3FI” interactive art installation by Laleh Mehran and Chris Coleman, National Taiwan Museum of Fine Arts

February 2014 – Score for “4 Aces” interactive public art piece, Museumsquartier Wien, Austria

January 2014 – Score for Amy Millenor BFA Dance thesis, University of Colorado Boulder

January 2014 – Score for Britt Ford BFA Dance thesis, University of Colorado Boulder

September 2013 – “A Brief Encounter” sound score for choreographer Rachel I. Berman, DanceSpace NYC

January 2013 – Score for Nathan Blackwell BFA thesis, University of Colorado Boulder

October 2012 – “For Sara” commissioned music composition for installation

August 2012 – “Altered Purpose” interactive sound installation made from sonified drawings, NYC

April 2012 – “Hungry Ghosts” electroacoustic music for stringless violin and electronics

December 2011 – “Cherryvale” electroacoustic performance with piano, plates with marbles, wind chimes, audience participation

October 2011 – “Memories of Atlantis” electroacoustic ambient recording

April 2011 – “Molting” for harmonium, guitar, max/MSP; collaboration with dancer Adderly Bigelow

January 2011 – “September Sixth” Undergraduate Thesis, 5 movements for Max/MSP, found objects, harmonium, bamboo flute, punk band, improvised dance

April 2010 – “Priapism no. 1” Collaborative improvised composition for prepared piano with Ryan Wurst; Grand piano, pocket contents, clothes

April 2010 – “Old and Stricken” Solo improvisation for subwoofer, Max/MSP

March 2010 – “Bodies and Branches” collaborative composition and score for site-specific dance performance by choreographer Nicole Dagesse; Harmonium, Violin, Cello, percussion, voice

March 2010 – “3 dreams” composition for trombone and electronics, commissioned by Max Ripple

February 2010 – “Glass House 2” composition for cello, electronics, 3 spatialized amplifiers; commissioned by Psyche Dunkhase

July 2009 – “RUST” Audio/video fixed media work exploring decay

March 2009 – “Abatement” 12-tone composition for piano

March 2009 – “Apotheosis” composition for violin and electronics utilizing looping and synthesis with custom foot controller, presented in master classes with George Crumb, Kronos Quartet

February 2008 – “Hi-Phi” structured improvisation for Boulder Laptop Orchestra

February 2008 – “Colony Collapse Disorder” Improvisation to video score by Curtis Peel, Max/MSP, custom Arduino interface

PUBLISHING/RELEASES

February 2024 – “Internal Freedom From The Object” digital release on Bandcamp

May 2023 – “Inflorescence” improvisations for flute and electronics with Jane Rigler, released on DASA Tapes, Athens, Greece

June 2022 – “Reserves” digital release on Bandcamp

May 2022 – “Stand Age EP” digital release on Bandcamp

September 2018 – “Three Scores in Northern New Mexico” published in Place on Adult Punk Press

January 2016 – “Also” cassette with Lake Mary on Wounded Knife tapes

June 2014 – “Porch Music” single with Lake Mary on Heligator Records

January 2014 “MAN XY” cassette with Ryan Wurst and Michael Theodore on Always Human Tapes

October 2011 – “Memories of Atlantis” digital release

March 2011 – “Yod” EP feat. Samuel Trifot and Luke Iwabuchi on Deep Tapes

February 2011 – “Six tracks” cassette release feat. compositions for harmonium, electronics, guitar, found objects, Moog 3P

PERFORMANCES/EXHIBITIONS

Jan 2025 – “Early Apollo” Live improvised audiovisual performance with SuperDraw, Manhattan NYC

December 2024 – Free Improvisation performance, Zeitgeist theater, New Orleans

April 2024 – Free Improvisation performances in Madrid and Barcelona, Spain with Matea Botella and Glasgow, Scotland with Ailbhe Nic Oireachtaigh

December 2023 – “Wizard Rodeo” festival, Austin, TX

November 2023 – “Robotic Resonance” exhibition, Sculpture Month Houston

June 2023 – “Robotic Resonance” exhibition, CURRENTS New Media Festival, Santa Fe, NM

February 2022 – Center for Performance Research, Bitedown Dance Company’s “Cracked Teeth” live score, Brooklyn, NY

December 2021 – Roulette Intermedium, with poet Anne Waldman, Pauline Oliveros documentary fundraiser, Brooklyn, NY

Sept 2021 – Mana Contemporary gallery, performance with “Playing” game-oriented improvised percussion and turntable ensemble, Chicago, IL

January 2021 – “The Third Spring” Video and score, poem by Erika Hodges, Poetry Project New Years Marathon

February 2020 – Center for Performance Research, Score for Bitedown Dance Company’s “The Blue Season” live score, Brooklyn, NY

October 2019 – Judson Memorial Church, free improvisation with *Heirarchy of Feasts* trio, New York City

August 2018 – Gibney Dance, curated performance series, Bitedown Dance Company’s “Eating Daisies” live score, New York

July 2018 – Form and Concept Gallery solo music/dance performance, Santa Fe, NM

2016 – Various performances with Guitar Pedal Feedback instrument, with Fred Frith, Roscoe Mitchell, duo “Solarium” with Honor Lacin, improvisations with Camille Emaile, Golnaz Shariatzadeh, Oakland, CA

October 2016 – “Octophonia” 8-channel outdoor audio showcase, Oakland, CA

April 2016 – Center For New Music solo performance, San Francisco, CA

October 2015 – Naming Gallery live performance, Oakland, CA

July 2012 – Communikey Festival performance, Boulder, CO

April 2012 – Mission Creek Music Festival supporting Tim Hecker, Iowa City, IA,

December 2011 – Cherryvale House, Boulder, CO supporting Josephine Foster

May 2011 – collaborative improvisation at Denver Art Museum “Untitled” event with Michael Theodore and Ryan Wurst, Denver, CO

April 2011 – Communikey Festival supporting William Basinsky, Boulder, CO

February/March 2011 – “Gross Bite” west coast tour, with Samuel Trifot

May 2008 – “Dovekins” west coast tour, Drummer

March 2009 – SPARK festival, University of Minnesota

RELEVANT EMPLOYMENT

October 2024 – Sound design for LinkedIn “Vision Window” installations, London, UK

August 2024 – Projection Artist using “Superdraw” interactive audiovisual software for Boora Yun’s “Parhelion” for orchestra, premiere at Cabrillo Music Festival, Santa Cruz, CA

October 2023 – Sound design for Formula 1 - themed Google Ad Week activation, Los Angeles, CA

June 2023 – Composition and sound design for immersive Google Pixel phone release, Google retail store - NYC

May 2023 – Sound design for Google-themed pinball machines - Sunnyvale, CA

August 2022 – 8-bit Sound Design for Google video game popup at Iowa State Fair

October 2021 - Present – Technical Director, “Robotic Resonance” robotized instrument utilizing robotic arms, deconstructed piano, Arduino + Python - Austin, TX

August - December 2021 – Lecturer at University of Colorado Boulder, “Sound Choices” class in Theater/Dance department discussing and workshopping sound in dance performance

January 2019 - January 2022 – Leo Villareal Studio, LED sculpture assembly and repair for “Instance” series, “Star Ceiling,” and “Ellipse” - Brooklyn, NY

November 2018 – Sony “Lost in Music” popup, interactive instrument design using custom interactive hardware, LED dance floor, Kinect, Python, Max/MSP, Ableton Live API - Manhattan, NYC

September 2018 – Choreographer Sarah Kinlaw “Unboxing the Compass, Bending the Axis” dance performance at Movement Research, MoMA PS1 – Custom Wireless Photosensitive Midi Controllers - Queens, NY

September 2011 - Sept 2018 – Gamelatron LLC, Studio Manager - Musical robotic sculpture installation and programming (Max/MSP, Ableton, Arduino), robotic mechanism and hardware fabrication, Circuit/PCB design, shop maintenance - Brooklyn, NY

May 2015 – Arduino and Processing developer for “AutoMata” robotized screen print installation at ArtYog international art festival - Yogyakarta, Indonesia

May 2015 – Raspberry Pi developer for “Krackatorium” sequenced light and installation at ArtYog international art festival - Yogyakarta, Indonesia

August 2014 – “We Cause Scenes” documentary film audio post production, screened at SXSW 2015 - Brooklyn, NY

March 2014 – Sound design for NYU theater production, Lee Sunday Evans, director - NYC

March 2014 – Sound design for theater workshop at Columbia University with director Daniel Fish - NYC

2013 - 2014 – Assistant Sound Designer, various New York Off-Broadway plays including Lincoln Center Theater, New 42, Roundabout Theater - NYC

October 2013 – Robotic panning camera mount and custom Arduino VJ controller for Dawn of Man Productions - Brooklyn, NY

January 2013 – Sound design for Laleh Mehran’s “Men of God, Men of Nature” installation, Denver Art Museum Fuse Box Gallery – Denver, CO

September 2008 - December 2010 – Theatre sound and projection technician, Black Box Theater, University of Colorado at Boulder