

DEREK KWAN

electronic musician / percussionist / digital artist
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// EDUCATION

State University of New York, Stony Brook (Stony Brook, NY) 2015
Doctor of Musical Arts: Music (Percussion Performance)
Queens College, City University of New York (Flushing, NY) 2010
Master of Arts: Music (Percussion Performance)
University of California, Davis (Davis, CA) 2008
Bachelor of Arts: Music Performance (Percussion)
Bachelor of Science: General Mathematics

// PROFICIENCIES

Programming Languages

Most comfortable with: C, Python, HTML/CSS, JavaScript, Max/MSP/Jitter, Pure Data (and external library development in C), Processing, SuperCollider

Familiar with: Bash, PHP, Tcl, Lua, Scheme, Common Lisp

Other Music Software: Audacity, Ardour, Ableton Live, LilyPond, Logic Pro, Pro Tools, Sibelius

Other Software: Linux, Vim, Emacs

// LECTURES/PRESENTATIONS

Cloning Max/MSP Objects: a Proposal for the Upgrade of Cyclone 2016
Presentation with Alexandre Torres Porres and Matt Barber at PdCon16 (New York, NY)
The Electronic/Electroacoustic Performance Practice of John Cage's *Fontana Mix* 2013
Doctoral Lecture/Recital (Stony Brook, NY)

// SOFTWARE PROJECTS

various Pure Data abstraction and external libraries: pdkm, pdkvabs, etc. 2016-17
one of the main contributors to Pd's **Cyclone v0.3** Max compatibility library 2016-17

// COMPOSITIONS/REALIZATIONS

mirror creatures - improvisatory drone-centered composition realized in Pd 2018
product emotions and personality assessment for live processed electric gtr + voice 2017
initial improvisation #1 for one or more melodic improvisers 2017
talus bear for electric guitar 2017
dxk-sc140 - ongoing series of SuperCollider tweet-sized miniatures 2017
deep dark everblue - slowburning, ambient, list-munging Pd environment 2017
airportmusic - fixed-media sonification of Hong Kong airport arrivals and departures 2016
lucas-1%14_0116 - electronic melodies in Pure Data based on Lucas numbers 2016
putchar - a series of short fixed-media algorithmic compositions 2015
socketMusic:wireless for percussion and socket.io-enabled mobile devices 2015

Love Letter for solo hand drum and electronics after a postcard score by Liza Lim	2015
shoebox memories for kalimba and SuperCollider	2014
magic smoke for laptop, smartphone, inductive telephone pickup, and SuperCollider	2014
a realization of Earle Brown's December 1952 for radio broadcasts and found metals	2013
a mosaic of acoustic and electronic realizations of John Cage's Variations II	2013
fiahwrkz for 2-channel fixed media	2012
simultaneous acoustic and electronic realizations of John Cage's Fontana Mix	2012
shimmer go slowly for glockenspiel solo and Max/MSP	2012
silky anteaters for piano, violin, electric guitar, double bass, vibraphone, and drumset	2010
violetblue clouds forever for flute, vibraphone, and glockenspiel	2010
streetlight puddle night for glockenspiel	2010

// TEACHING EXPERIENCE

Music Department, UC Davis (Davis, CA) 09/2017-12/2017

Temporary Lecturer

- Teaching the class Music 107A: "Introduction to Electronic Music" featuring a general overview of electronic music history (musique concrète, elektronische musik, soundscape composition, etc.) and studio basics (sound editors, DAWs, microphones, mixers, speakers, etc.) with a focus on fixed-media composition

// PROFESSIONAL EXPERIENCE

Teaching Learning Lab, Stony Brook University (Stony Brook NY) 09/2013 - 08/2015

Lab Assistant/Programmer

- Worked with faculty on interactive digital media projects (Max/MSP/Jitter, Pure Data/GEM, Processing, SuperCollider, etc.) investigating novel methods of human-computer interaction (webcam, Kinect, NeuroSky MindWave, etc.)
- Full-stack web application development (PHP, AngularJS, jQuery, etc.) for class-oriented learning tools and data visualization

Music Library, Stony Brook University (Stony Brook, NY) 07/2013 - 12/2013

Audio/Video Collections Manager

- Archival and reproduction of the music library's analog and digital media
- Oversaw music library technology (computer carrels, smart-board-equipped conference room, etc.)

Computer Music Studio, Stony Brook University (Stony Brook, NY) 08/2012 - 08/2013

Graduate Assistant

- Live sound reinforcement and technology management for music department concerts
- Setup and run a new campus recording studio

Contemporary Chamber Players, Stony Brook University 08/2011 - 06/2012

Graduate Assistant (Stony Brook, NY)

- Assist with the organization and planning of concerts and rehearsals

Private Instructor in Percussion (Flushing, NY)

09/2010 - 07/2011

Freelance

- Taught private lessons in percussion to students ranging from high school students to adults

// SELECTED PERFORMANCES

Fifth International Pure Data Convention (PdCon16) (New York, NY) 2016
Derek Kwan - *shoebox memories* (Pd version), Hans Tammen - Dark Circuits Pd Orchestra

New York City Electroacoustic Music Festival (New York, NY) 2016
Derek Kwan - *airportmusic*

UC Davis Shinkoskey Noon Concert (Davis, CA) 2016
Solo percussion/electronics recital featuring works by Derek Kwan, Jason Eckardt, Martin Matalon, and Karlheinz Stockhausen

New York City Electroacoustic Music Festival (New York, NY) 2015
Derek Kwan - *shoebox memories* (2014/revised 2015) for kalimba and SuperCollider
Nat Grant - *With the Inside Where the Outside Should Be* for vibraphone with digital integration

New York City Electroacoustic Music Festival (New York, NY) 2014
Ethan Greene - *Lissajous* for vibraphone and Max/MSP

Hell's Bells Percussion at Cloud City (Brooklyn, NY) 2013
Aaron Siegel - *Science is Only a Sometimes Friend*

New York City Electroacoustic Music Festival (New York, NY) 2013
Mei Fang Lin - *Flux* for marimba and electronic sound

Iktus Percussion at Make Music NY (New York, NY) 2012
Karlheinz Stockhausen - *Musik im Bauch* (execution/design of electronic sound)

Stony Brook Contemporary Chamber Players (New York, NY) 2012
Du Yun - *Keep Something Broken* (world premiere)

Bang on a Can Marathon (New York, NY) 2011
Anthony Gatto - *Portrait of Eva Hesse* for percussion ensemble

Elevator Rose at Death By Audio 2011
Kwan - *silky anteaters*, Vasudevan Panicker - *i heart pulse v2.0*, Andriessen - *Worker's Union*

Elevator Rose at Thalia Cafe, Symphony Space (New York, NY) 2011
Music by Derek Kwan, Laurence Goldman, Daniel Fine, and Patrick Kelley

Talujon and Friends at Symphony Space (New York, NY) 2011
Alberto Ginastera - *Cantata para América Magica*

Brooklyn Composers Collective at The Tank (New York, NY) 2010
Steve Reich - *Music for Pieces of Wood*, Amir Shpilman - *As If These Clouds* for percussion sextet (world premiere)

Elevator Rose at Glasslands (Brooklyn, NY) 2010
Derek Kwan - *silky anteaters* (world premiere), Terry Riley - *In C*

Diaghilev Multimedia Celebration (New York, NY) 2010
Igor Stravinsky - *Les Noces* (with the Princeton Chamber Choir, Columbia Classical Performers, and the Queens College Percussion Ensemble)

Tibetan Singing Bowl Ensemble, Metropolitan Museum of Art (New York, NY) 2010

Raphael Mostel - *Music for the October Moon*
David Schober Portrait Concert (Flushing, NY) 2009
 David Schober - *Taepoong* for marimba
Manhattan Percussion Project (New York, NY) 2009
 David Lang - *Anvil Chorus* for percussion solo
New York City Electroacoustic Music Festival (New York, NY) 2009
 Courtney Brown - *losing love in magnetic time* for marimba and vibraphone (with Adam Forman, vibraphone)

// AWARDS AND FELLOWSHIPS

Bang on a Can Summer Music Institute 2010
 Performance Fellow (North Adams, MA)
Balsam Award in Chamber Music, Queens College 2010
Discimus ut Serviamus Award, Queens College 2010
Allen Cohen Percussion Award, Queens College 2009
Phi Beta Kappa, University of California, Davis 2008
soundSCAPE Composer and Performance Exchange 2008
 Performance Fellow (Pavia, Italy)
International Marimba Festival 2007
 Performance Fellow (Salzburg, Austria)

// RECORDINGS

Antonio De Vito - Winds of Wood (Vientos de Madera) 2012
 Vibraphonist