

CULLEN MILLER

CURRICULUM VITAE

PERFORMANCE

Ars Citizen presents Ryoji Ikeda [supercodex] & Cullen Miller's 'Bot without Organs', Gray Area Foundation, Grand Theater, San Francisco, CA : 01/09/2018

Latency (w/ Gabriel Dunne), Contemporary Jewish Museum, San Francisco, CA : 11/02/2017

Untaxonomy, Soundwave SonicLab ((8)) Infrastructure [Live in Dolby Atmos], Dolby Research Laboratories, San Francisco, CA : 08/25/2017

SIGHT MACHINE in collaboration with Trevor Paglen, Kronos Quartet, Stanford University, & Obscura, Pier 70, San Francisco, CA : 01/14/2017

FINITE (w/ Visible Cloaks & Brenna Murphy, Motion Graphics, Lara Sarkissian), B4BEL4B Gallery, Oakland, CA : 03/04/2017

FINITE (w/ Jan Jelinek, Horaflora), Grand Theater, San Francisco, CA : 07/30/2016

Exploratorium, Pier 15, San Francisco, CA : 06/16/2016

Moogfest, Duke University, Durham, NC : 05/20/2016

FINITE (w/ Rene Hell, easysimple, equilet, Gabriel Dunne), 1962 Harrison St., San Francisco, CA : 04/30/2016

Stanford Arts, Emerging Practices (w/ Gabriel Dunne, Mary Franck), Stanford University, Palo Alto, CA : 03/10/2016

FINITE (w/ Madalyn Merkey, David Kanaga, Equilet), 1962 Harrison St., San Francisco, CA : 01/31/2016

Atom™ "GND ∞" & "HD/AV" Live, Gray Area Foundation, San Francisco, CA : 09/27/2014

Live (w/ Kangding Ray, desaxismundi), Gray Area Foundation, San Francisco, CA : 05/31/2014

Vatica Dahlia, Rites, Blast Digital Studio, San Francisco, CA : 01/18/2014

Live at the Intel Developer Forum, Moscone Center, San Francisco, CA : 09/15/2013

Vatica Dahlia, Rites, Devotion Gallery, Brooklyn, NY : 08/23/2013

Live, The Lab, San Francisco, CA : 06/18/2013

Ableton Live 9 Launch Party (w/ Christopher Willits, Kid606, Devonwho), Public Works, San Francisco, CA : 04/04/2013

Prism (w/ The Friend, Marshall Applewhite), The Works, Detroit, MI : 12/18/2012

Disquiet Djunto, Luggage Store Gallery, San Francisco, CA : 12/06/2012

Codame Festival, San Francisco, CA : 10/31/2012

UP: San Francisco Street Festival & Exposition (w/ Mark Fell, Aaron David Ross, Afrikan Sciences), San Francisco Chronicle Building, San Francisco, CA : 10/20/2012

The Bunker NYC at Gray Area III (w/ Peter van Hoesen, Derek Plaslaiko), Monarch, San Francisco, CA : 09/28/2012

The Bunker NYC at Gray Area - Live (w/ Voices from the Lake, Bryan Kasenic, Leisure Muffin), Monarch, San Francisco, CA - 07/21/2012

Live (w/ Atom™, Safety Scissors), Gray Area Foundation, San Francisco, CA : 09/09/2011

Live (w/ Simple), B.B.C., Thessaly, Skiathos, Greece : 08/08/2011

Priceless Festival (w/ Agraph, The Sight Below), Belden, CA : 07/04/2011

Wikipedia 10 Year Anniversary, Gray Area Foundation, San Francisco, CA : 01/15/2011

Priceless Festival (w/ Shigeto, Mike Slott, David Last), Belden, CA : 07/04/2010

San Francisco Motion Graphics Festival, Gray Area Foundation, San Francisco, CA : 07/30/2010

Institute for Computer Music and Sound Technology present Milieux Sonores: Sound and Imaginary Space, Gray Area Foundation, San Francisco, CA : 09/11 - 11/19/2010

Symposium and A/V Performances (w/ Ezekiel Honig, Joshue Ott, David Last), Gray Area Foundation, San Francisco, CA : 10/09/2010

EXHIBITIONS && INSTALLATIONS

Point, Line, Surface, 319 Scholes, Brooklyn, NY : 01/26/2012

Rites, Solo Exhibition, Devotion Gallery, Brooklyn, NY : 08/23/2013

Intel Developer Forum, Moscone Center, San Francisco, CA : 09/15/2013

Rites, Solo Exhibition, Blast Digital, San Francisco, CA : 01/18/2014

BAM/PFA Gala, Berkeley Art Museum/Pacific Film Archive, Berkeley, CA : 05/06/2014

Aha! Festival*, Cleveland Public Auditorium, Cleveland, OH : 08/08/2014

Illuminations*, United Nations, New York, NY : 09/19/2014

Projecting Change*, Empire State Building, New York, NY : 08/01/2015

UNESCO 70*, UNESCO, Paris, France : 11/11/2015

Fiat Lux*, Saint Peter's Basilica, Vatican City, Vatican : 12/08/2015

Qasr al-Hosn Festival*, Qasr Al Hosn Fort, Abu Dhabi, United Arab Emirates : 02/04/2016

Tapestry*, Chinese Charity Museum, Nantong, People's Republic of China : 08/31/2016

Bazaar 150*, Empire State Building, New York, NY : 04/20/2017

Beginnings*, AT&T Performing Arts Center, Dallas, TX : 06/14/2017

Unseen Stars*, Grand Central Terminal, New York, NY : 09/24/2017

TEACHING

Digital Signal Processing, San Francisco State University, San Francisco, CA : 08/24 - 12/18/2011

Sound and Interaction with Pure Data, Creative Code Immersive, Gray Area Foundation, San Francisco, CA : 11/07 - 12/01/2014

Synthesis and Processing with Pure Data, Creative Code Immersive, Gray Area Foundation, San Francisco, CA : 02/11 - 03/07/2015

EDUCATION

Bachelor of Arts, Music Composition, San Francisco State University : 2009

Audio Engineering & Studio Practices, San Francisco State University : 2010

TALKS && LECTURES && SYMPOSIA

Artist Talk w/ Gabriel Dunne, Exploratorium, San Francisco, CA : 06/16/2016

Designing Audio Visual Systems & Control Hierarchies, Duke University, Durham, NC : 05/21/2016

txt_strct, Artist Talk, Stanford University, Palo Alto, CA : 04/04/2016

Deployment of Media Environments at Scale, NYU: Tandon School of Engineering, New York, NY : 09/27/2014

Synthesis & the Environment, Dolby Research Labs, San Francisco, CA : 03/31/2014

The Occult Nature of Sound, Eyebeam, New York, NY : 01/31/2014

Ritual Magic, Technology, & Contemporary Practice, NYU: Tisch School for the Arts, New York, NY : 08/31/2013

Sound and Open Source: Pure Data, Audacity, The Sounds of Brands, SFAI, San Francisco, CA : 10/09/2012

DISCOGRAPHY

Stolen Nature, *Two Circles Records*, 2009

Metallic Salmon, *Konque*, 2010

Faust, *Cunei Media*, 2010
Vulpes Vulpes, *Igloo*, 2011
Sleep (w/ Matte Wood), *Modyfier*, 2011
#postliterate, *Cunei Media*, 2012
Rites, *Vatica Dahlia*, 2013
Simulateur, *Self-Released*, 2016
Music for New Materials No. 1, *FINITE*, 2017

Appearances, Compilations, Remixes

Various Artists, *Two Circles Records*, 2010
Metallic Salmon Remixes, *Cunei Media*, 2010

POSITIONS

Director of Operations, San Francisco Contemporary Music Players : *03/2009 - 04/2010*
Adjunct Professor, San Francisco State University : *01/2010 - 05/2012*
Curator & Director of Public Programs, Gray Area Foundation : *11/2010 - 08/2012*
Artistic Director, Devotion Gallery : *11/2011 - 06/2012*
Founder & Lead Designer, FINITE Studio : *08/2012 - Present*
Technical Director & Systems Engineer, Obscura Digital : *03/2014 - Present*

SOFTWARE && TOOLS

Clickcorrupt, performance software, Pure Data : *2010*
Simulo, spatial performance tools, Max/MSP : *2012*
Information Afterlife, performance software, Max/MSP : *2013*
RuffletrOn, wearable music garment, Pure Data, Arduino : *2013*

COMMERCIAL CLIENTELE

IDEO
Motorola
Audi
PBS
Ford

Chevrolet
Blue Sky Studios
Waze
Intel
Jack Morton
Hewlett-Packard
O'Reilly Media
Google

COMMISSIONS && RESIDENCIES && LECTURES

txt_strct, *Performance and Guest Artist Lecture*, Stanford University : 04/04/2016
Untaxonomy, *Performance and Custom Software*, Dolby Research Laboratories : 08/25/2017
Latency, *Performance*, Contemporary Jewish Museum & MEDIATE : 11/02/2017

PRODUCTION && ORGANIZATION && CURATION

From the Top (Morton Feldman, Steve Reich, Charles Wuorinen, John Harbison, Edmund Campion), Herbst Theatre, San Francisco, CA : 10/09/2009
Natural Phenomena (Brian Ferneyhough, Helmut Lachenmann), Herbst Theatre, San Francisco, CA : 01/25/2010
Longing for Utopia: Graeme Jennings plays Luigi Nono, Yerba Buena, Center for the Arts Forum, San Francisco, CA : 03/01/2010
MIT SENSEable Cities Speaker Series, Gray Area Foundation, San Francisco, CA : 06/01/2010
City Centered Festival: Festival of Locative Media and Urban Community, Gray Area Foundation, San Francisco, CA : 06/11 - 06/21/2010
MIT SENSEable Cities: Exploring Urban Futures, Gray Area Foundation, San Francisco, CA : 07/13/2010
San Francisco Motion Graphics Festival, Gray Area Foundation, San Francisco, CA : 07/30/2010
ICST present Milieux Sonores: Sound and Imaginary Space Exhibit, Gray Area Foundation, San Francisco, CA : 09/11- 11/19/2010
Ushahidi and Crowdsourcing Crisis Information: How Hacking Can Save Lives in Major Disasters, Gray Area Foundation, San Francisco, CA : 09/16/2010
Creative Commons Salon: Participatory Culture - Offline, Gray Area Foundation, San Francisco, CA : 09/20/2010
Tuning Architecture: Infrasound, Gray Area Foundation, San Francisco, CA : 11/13/2010
The Great Urban Hack SF: Tenderloin, Gray Area Foundation, San Francisco, CA - 11/06 - 11/07/2010

Wikipedia 10 Year Anniversary Party, Gray Area Foundation, San Francisco, CA - 01/15/2011

Zimoun: Solo Exhibition, Gray Area Foundation, San Francisco, CA : 01/22 - 02/26/2011

Global Game Jam 2011: San Francisco, Gray Area Foundation, San Francisco, CA : 01/28 - 01/30/2011

Hacks/Hackers: Hacking Egypt, Gray Area Foundation, San Francisco, CA : 03/02/2011

Dorkbot w/ Stelarc, Gray Area Foundation, San Francisco, CA : 05/11/2011

Dark Entries: Bay Area Retrograde Vol. 1 Release Party, Gray Area Foundation, San Francisco, CA : 05/26/2011

Future/Canvas 2: The Emerging Medium of iPad Art, Gray Area Foundation, San Francisco, CA : 06/06 - 06/24/2011

Theo Watson & Robert Hodgins, Gray Area Foundation, San Francisco, CA : 06/07/2011

Program or Be Programmed: An Evening with Douglas Rushkoff, Gray Area Foundation, San Francisco, CA : 06/08/2011

Summer of Smart: Community Development + Public Art, The Warfield Theatre, San Francisco, CA - 06/24 - 06/26/2011

A/V Performances: Rafael Anton Irisarri, Morgan Packard, and Agraph, Gray Area Foundation, San Francisco, CA - 06/30/2011

Game Based Learning Salon with Noah Wardrip-Fruin & Greg Niemeyer, Gray Area Foundation, San Francisco, CA - 07/13/2011

Summer of Smart: Sustainability + Transportation + Energy, The Warfield Theatre, San Francisco, CA : 07/22 - 07/24/2011

Eyebeam / Gray Area Sound Research Meetup, Gray Area Foundation, San Francisco, CA : 08/03/2011

Community Wi-Fi Symposium this Wednesday at Gray Area, Gray Area Foundation, San Francisco, CA : 08/10/2011

Summer of Smart: Public Health+Food+Nutrition, Gray Area Foundation, San Francisco, CA : 08/19 - 08/21/2011

Max for Live Hack Night, Gray Area Foundation, San Francisco, CA : 08/25/2011

Sound Research Meetup: Ambisonics, Gray Area Foundation, San Francisco, CA : 09/21/2011

Dr. Hubert Burda on the Digital Wunderkammer, Gray Area Foundation, San Francisco, CA : 09/27/2011

Summer of Smart Final Mayoral Forum, Gray Area Foundation, San Francisco, CA : 10/06/2011

As You Like It w/ Nicolas Jaar, Gray Area Foundation, San Francisco, CA : 11/26/2011

HACK.d: Stanford d.school Hackathon, Stanford University, Palo Alto, CA : 01/27 - 01/29/2012

Art of Failure, Solo Exhibition, Devotion Gallery, Brooklyn, NY : 02/17/2012

The Creators Project presents Art Hack Weekend SF: A WebGL + HTML5 Hackathon, The Warfield Theatre, San Francisco, CA : 03/02 - 03/04/2012

Matthew Ganucheau, Deluge Exhibition, Devotion Gallery, Brooklyn, NY : 03/12 - 04/09/2012

Creative Currency Hackathon, San Francisco Chronicle Building, San Francisco, CA : 04/27 - 04/29/2012

Expanded Taxonomy, Nicole Aptekar, Devotion Gallery, Brooklyn, NY : 04/27 - 05/18/2012

The Bunker NYC and Gray Area w/ Voices from the Lake, Leisure Muffin, Monarch, San Francisco, CA : 07/21/2012

The Bunker NYC Gray Area III - Atom TM & Tobias, Monarch, San Francisco, CA : 08/10/2012
Max for Live Hack Night: Audio Processing, Gray Area Foundation, San Francisco, CA :
08/23/2012
Sound Research Group: Alternative Musical Interfaces, Gray Area Foundation, San
Francisco, CA : 09/19/2012
Max for Live Hack Night, Pyramid, San Francisco, CA : 08/15/2013
ADULT. - Three Grace Triptych, Gray Area Foundation, San Francisco, CA : 10/31/2015
Fare Thee Well*, Levi's Stadium, Santa Clara, CA : 06/27/2016 - 06/28/2016
Fare Thee Well*, Soldier Stadium, Chicago, IL : 07/03/2016 - 07/05/2016
The Gray Area Festival, Gray Area Foundation, San Francisco, CA : 04/21/2016 - 04/24/2016
Road to 270*, Newseum, District of Columbia, DC : 10/23/2017
Recombinant Media Labs Festival, Gray Area, San Francisco, CA : 09/28/2017 - 10/2/2016
Road to 270*, Empire State Building, New York, NY : 11/09/2017
Harper's Bazaar 150*, Rainbow Room, 30 Rockefeller, New York, NY : 04/26/2017
Antarctica Dome*, Coachella, Indio, CA : 04/12/2017
SIGHT MACHINE in collaboration with Trevor Paglen & Kronos Quartet*, Pier 70, San
Francisco, CA : 01/14/2017

PRESS

The Unsettling Performance That Showed the World Through A.I.'s Eyes, video interview,
Wired Magazine : 04/30/2017
Neve Consoles, video interview, Rupert Neve Designs : 08/25/2017

EDUCATIONAL PROGRAMMING

Spatial Sound with SuperCollider Workshop w/ CCRMA, Gray Area Foundation, San
Francisco, CA : 11/02/2010
Soft Circuitry with Lilypad w/ Lara Grant, Gray Area Foundation, San Francisco, CA :
04/02/2011
Processing w/ Gabriel Dunne : 04/12/2011
Data Visualization / Digital Cartography w/ Sha Hwang : 04/16/2011
HTML5 : 05/07/2011
Data Visualization with Processing w/ Tom Carden : 05/24/2011
openFrameworks w/ Zach Lieberman : 06/10/2011
Audio Synthesis for iOS w/ Morgan Packard : 06/28/2011
Breakneck Prototyping With Microsoft Kinect and Pure Data w/ Sofy Yuditskaya :
07/09/2011
Immersive Audio Environments for Composition & Simulation w/ Shane Myrbeck :

07/16/2011

Processing w/ Gabriel Dunne : 08/02/2011

TouchDesigner for Projection Mapping w/ Mary Franck : 10/01/2011

openFrameworks: From Beginning to Launching a Mobile Application w/ Matt Ganucheau : 09/06/2011

Digital Cartography, Interactive Mapping, and Data Visualization w/ Sha Hwang : 11/19/2011

Real-time Video Manipulation in Quartz Composer w/ Toby Schachman : 01/10/2012

Augmented Reality with Layar : 01/24/2012

Visualizing and Mapping Data w/ Mike Migurski and Shawn Allen : 02/07/2012

Kinect for Unity 3D w/ Amir Hirsch : 03/03/2012

TouchDesigner for Video Performance w/ Mary Franck : 03/20/2012

Processing w/ Matt Ganucheau : 04/07/2012

Immersive Audio Environments for Composition & Simulation w/ Shane Myrbeck : 04/21/2012

GLSL w/ Tarik Barri : 04/28/2012

Processing.js w/ Neal Riley : 06/05/2012

Max/MSP/Jitter w/ Matt Ganucheau : 06/18/2012

Visual Scripting in Arduino : 06/19/2012

Music and Mobile Computing for iOS w/ Spencer Salazar and Mark Cerqueira : 07/03/2012

Paper-based Electronics for Creativity w/ Jie Qi and Natalie Freed : 08/04/2012

Quartz Composer w/ vade : 08/11/2012

WebGL with three.js w/ Michael Chang : 09/04/2012

Generative ART = workshop("Processing"); w/ Realitat : 09/22/2012

* In collaboration with Obscura Digital