

# 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 Junto, 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