

COLE INGRAHAM

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PROFESSIONAL SUMMARY

composition, non-standard tuning systems, network music, intermedia, creative programming, teaching

EDUCATION

DMA Music Composition University of Colorado at Boulder, Boulder, Colorado, USA	2010 - 2013
MFA Electronic Music & Recording Media Mills College, Oakland, California, USA	2007 - 2009
BM Music Composition University of the Pacific, Stockton, California, USA	2004 - 2007

TEACHING EXPERIENCE

FaceArt Institute of Music preparing Chinese students in music theory, history, technology, and composition for study in the USA	2013 - Present
University of Colorado at Boulder GTA music technology	2010 - 2013
University of the Pacific visiting lecturer in music theory and technology	2009
Mills College GTA music theory, aural skills, and piano	2008
Joyful Melodies flute, piano, and guitar lessons	2008 - 2010

PROFESSIONAL EXPERIENCE

Glitch Lich composer, performer, programmer with international network music laptop quartet	2008 - Present
International SuperCollider Symposium head organizer for international computer music symposium, Boulder, CO	2013
Network Music Festival Birmingham, UK concert curator	2013
Texas A&M University artist in residence	2013
Boulder Laptop Orchestra coordinator and technician for telematic performances	2010 - 2013
Arkasoft LLC java QA software developer	2009 - 2010
University of the Pacific audio editor and archivist	2005 - 2007

SELECTED PERFORMANCES

<i>Asia Tour</i> · Shanghai, Suzhou, Guangzhou, Hong Kong	2015
<i>Germany Tour</i> · Berlin, Cologne, Einbeck, Hannover, Leipzig, Magdeburg, Weimar	2015
<i>New Music FaceArt</i> · Shanghai, China	2014
<i>Mercedes Showroom</i> · Zhenjiang, China	2014
<i>Shanghai Concert Hall</i> · Shanghai, China	2014
<i>Algorave</i> · Tokyo, Japan	2014
<i>Live Coding at Loft345</i> · Guangzhou, China	2014
<i>New Music FaceArt</i> · Shanghai, China	2013
<i>New Interfaces for Musical Expression</i> · Seoul, Korea	2013
<i>International SuperCollider Symposium</i> · Boulder, CO	2013
<i>live.code.festival</i> · Karlsruhe, Germany	2013
<i>Slave to the Algorithm</i> · London, UK	2013
<i>International Computer Music Conference</i> · Ljubljana, Slovenia	2012
<i>International SuperCollider Symposium</i> · Berlin, Germany	2010
<i>Music for People and Thingamajigs</i> · Oakland, CA	2009
<i>Recital of Undergraduate Works</i> · Stockton, CA	2007

SELECTED WORKS

<i>Entropy</i> · piano, live electronics, and video	2015
<i>Second Aurora</i> · flute and live electronics in just intonation	2015
<i>Between Realities</i> · piano and fixed media electronics	2014
<i>Jagged</i> · piano and live electronics	2014
<i>Chopin Re-imagined</i> · piano and live electronics	2013
<i>Line Walk</i> · live performance real time animation and synthesis	2013
<i>Duality</i> · fixed media video and stereo sound	2013
<i>Expanse</i> · open instrumentation score in just intonation for sixteen or more performers	2013
<i>Canvas</i> · fixed media 4 screen video, real time 8.1 cubic surround audio	2013
<i>Tarasque</i> · networked real time audio/visual collaborative performance interface	2012
<i>Æther</i> · string quartet in just intonation with amplified difference tones	2012
<i>Finger Paint</i> · networked real time audio/visual performance	2012
<i>Vapor</i> · telematic performance for eight or more violins	2012
<i>Vantage Points</i> · fixed media 6 screen surround animation, real time 10.1 surround audio	2011
<i>Chaos Geometry</i> · fixed media animation and 5.1 surround sound	2010
<i>Pulses</i> · bonang, electric guitar, contrabass, and long string instrument	2019

<i>Pong for One or Two Musicians</i> · live performers and interactive audio/visuals	2008
<i>Portrait of a Viola</i> · woodwind quartet and viola	2007
<i>Buck</i> · interactive audio/visual installation	2006
<i>Dreamscape</i> · chamber orchestra	2006

GUEST LECTURES

<i>Workshop on Improvisation with Electronics</i> · University Weimar · Weimar, Germany	2015
<i>Approaches to Free Improvisation</i> · Suzhou University · Suzhou, China	2014
<i>Serial and Chance Music Aesthetics</i> · FaceArt Institute of Music · Shanghai, China	2014
<i>American Experimental and Electronic Music</i> · American Consulate · Shanghai, China	2013
<i>SuperCollider, C++, and Network Music</i> · Mills College · Oakland, CA	2013
<i>Live Coding and Network Music</i> · Texas A&M University · College Station, TX	2013
<i>Approaches to Laptop Ensembles</i> · Montana State University · Bozeman, MT	2009

AWARDS, HONORS, AND COMMISSIONS

<i>Audio/Visual Commission for Independence Day Gala</i> · Polish Consulate of Shanghai	2014
<i>ATLAS Fellowship</i> · University of Colorado at Boulder	2012
<i>Ted Manning Commission</i> · University of Colorado at Boulder	2011
<i>Contemporary Art Biennale: finalist, video category</i> · Florence, Italy	2009
<i>Paul Merritt Henry Prize for String Writing</i> · Mills College	2009
<i>Outstanding Composer Award</i> · University of the Pacific	2007

COURSES TAUGHT

<i>Composition Lessons</i> · Private instruction in various styles and genres
<i>Advanced Computer Music</i> · Pro Tools, Max/MSP
<i>Survey of Electronic Music</i> · Finale, Garage Band, Reason, Logic, electronic music history
<i>20th Century Music Theory</i> · Analysis of Serialism, Indeterminacy, Minimalism, and electronic music
<i>Musicianship</i> · Tonal theory, aural skills, keyboard skills

SOFTWARE AND PROGRAMMING LANGUAGES

General Programming

C++, Java, Qt Frameworks, Python, Lua, Haskell

Multimedia Programming

SuperCollider, Max/MSP, Pure Data, Cinder, openFrameworks, Processing, OpenGL, GLSL

Web Development

HTML5, PHP5, CSS3, XML, JavaScript, JSON, MySQL

Music Software

Lilypond, Finale, Sibelius, Logic, Pro Tools, Reason, Ableton Live, jacktrip

Graphics Software

Blender, GIMP