

## Rob Ray — Curriculum Vitae

### Education

- 2010 Master of Fine Arts in Electronic Arts  
Rensselaer Polytechnic Institute – Troy, New York.
- 2006 Bachelor of Fine Arts (Biology Minor) – Magna Cum Laude  
Northeastern Illinois University Chicago, Illinois.

### Exhibitions, Screenings, Performances and Broadcasts

- 2016 *The Sound of Dying L3m0n5*, LOTworks – Miami, FL
- 2015 *Susurrati*, collaboration with Deborah Stratman, Florasonic – Chicago, IL
- 2013 *Movement Ear Lung!* performing as AUGH!  
Side Street Projects – Pasadena, CA
- 2013 Evening of Various Wonders – South Kortright, NY
- 2013 TransX Symposium (courtesy of Radius experimental radio),  
Deep Wireless Festival – Toronto, CA
- 2013 *Highland Park Branch*, Reanimation Library – Los Angeles, CA
- 2013 *Socialized Media*, Texas State University Gallery [1], San Marcos, TX  
(courtesy of Temporary Services)
- 2013 *Sociacusia* radio program (courtesy of Radius experimental radio),  
UDG 104.3FM – Guadalajara, MX
- 2013 *Radius: Sketchpad* broadcast WXGC 90.7/FREE103POINT9 – Acra, NY
- 2012 Conflux Festival, New York University – New York, NY
- 2012 *Artist Services*, Fashion District Arts Festival – New York, NY
- 2012 *Power Play*, Southern Queens Park Association – Jamaica, NY
- 2012 *I Love Presets* performance, GLI.TC/H 2012 Festival, MB Labs –  
Chicago, IL
- 2012 *Range: Local, Distant, Fringe*, Radius experimental radio – Chicago, IL
- 2012 *Is It What?* (collaboration with What It Is), Hinge gallery – Chicago, IL
- 2012 *Improbable Objects*, What It Is gallery – Chicago, IL
- 2011 GLI.TC/H 2011 Festival, PLANETART – Amsterdam, Netherlands
- 2011 GLI.TC/H 2011 Festival, MB Labs – Chicago, IL
- 2011 *I Love Presets* performance, Nightingale Theater – Chicago, IL
- 2011 *Tracing Mobility Symposium*, Haus Der Kulturen Der Welt – Berlin, DE
- 2011 MDW Art Fair – Chicago, IL
- 2011 SXSW Interactive – Austin, TX
- 2011 *Social Mobility*, Block Museum of Art – Evanston, IL  
(courtesy of Temporary Services)
- 2011 *Daisy Chain*, Antena gallery – Chicago, IL
- 2011 *TWEEN*, The Octagon – Chicago, IL
- 2011 *ASCII*, California Clipper – Chicago, IL

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- 2011 *I Love Presets* The Nightingale Theater – Chicago, IL
- 2011 *Channel TTwo*, Gallery 400 Chicago, IL
- 2010 *Bike Box*, Devotion Gallery – Brooklyn, NY
- 2010 Abandon Normal Devices Festival, Grizedale Forest – Cumbria, UK
- 2010 *I Love Presets* – performance, Starlight Theater, University of Wisconsin, Madison – Madison, IL
- 2009 “Moles Not Molar” reading series – Philadelphia, PA
- 2009 “art.tech”, The Lab – San Francisco, CA
- 2009 “(re)load”, Antena Gallery – Chicago, IL
- 2009 “Without You I Am Nothing”, Green Lantern gallery – Chicago, IL
- 2009 “SEED:BIN” exhibition, AVA Center – Chattanooga, TN
- 2008 VONZWECK at The Barn – Chicago, IL
- 2008 *I Love Presets* – performance, SAIC “Conversations at the Edge” series Gene Siskel Film Center – Chicago, IL
- 2008 *I Love Presets* – performance, Chicago Underground Film Fest – Chicago, IL
- 2008 *I Love Presets*, performance at DEADTECH – Chicago, IL
- 2007 “High Impact”, DEADTECH – Chicago, IL
- 2007 “Interstitial”, Zhou Brothers Art Center – Chicago, IL
- 2005 Abyezyana, VONZWECK Gallery– Chicago, IL (collaboration with Deborah Stratman)

## **Audio Releases**

- 2012 *RANGE: Local, Distant, Fringe*, Radius Experimental Radio – Chicago, IL
- 2004 *Despite Sweeping* remix for TV Pow. “Burned Bridges and Lost Loves” CD Bottrop Boy Records
- 2003 Snake Charm – “Boojie Throbber” CD – Crippled Intellect Productions
- 2002 Snake Charm – “Godfather Part 4” on Noise Brunch Sampler Plate CD Crippled Intellect Productions
- 2001 “Circumvention Device” CD – Deadtech recordings

## **Residencies**

- 2011 Abandon Normal Devices Festival –Manchester, United Kingdom
- 2009 Center for Land Use Interpretation (CLUI) – Wendover, Utah

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## Lectures, Presentations and Workshops

- 2015 "A History of the Future of Solarpunk Ham Radio Club"  
Radical Networks Conference, NYU School of Engineering – Brooklyn, NY
- 2012 "Into the Wild: Electronic Art and the Great Outdoors" lecture, ISEA 2012:  
Machine Wilderness Conference – Albuquerque, NM
- 2012 Visiting artist lecture, Program in Art and Technology, California Institute  
of the Arts – Valencia, CA
- 2012 Graduate critiques, Program in Art and Technology, California Institute of  
the Arts – Valencia, CA
- 2011 "One Hour Utopia" Graduate Workshop, Program in Art and Technology,  
California Institute of the Arts – Valencia, CA
- 2011 "Strange Sounds in Strange Places: Thinking About and Creating  
Interactive Electronic Art Outdoors," Abandon Normal Devices (AND)  
Festival – Manchester, UK
- 2010 "Into the Wild: Electronic Art and the Great Outdoors" Lecture, Program in  
Art and Technology, California Institute of the Arts – Valencia, CA
- 2010 "Into the Wild: Electronic Art and the Great Outdoors" Lecture, Digital  
Media Arts and Design, Orange Coast College – Costa Mesa, CA
- 2009 "Into the Wild: Electronic Art and the Great Outdoors" Lecture, art.tech  
Festival – San Francisco, CA
- 2009 "Bucky's Animal Spirit" Lecture, art.tech Festival – San Francisco, CA
- 2009 "Into the Wild: Electronic Art and the Great Outdoors" Lecture, Dorkbot  
Chicago – Chicago, IL
- 2009 "Solar Power Your Art" workshop. Dorkbot Chicago – Chicago, IL
- 2008 *I Love Presets* presentation, SAIC "Conversations at the Edge" series  
Gene Siskel Film Center – Chicago, IL
- 2007 "Exhibiting New Media Art" lecture, Interactive Arts and Media,  
Columbia College – Chicago, IL
- 2007 Undergraduate critiques, Interactive Arts and Media, Columbia College –  
Chicago, IL
- 2007 "Power Tools 2: Interchangeable Bits, Independent & Collaborative  
Practices" workshop, School of the Art Institute Chicago. Chicago, IL
- 2007 "Conversations on Creativity" public conversation with Martin Atkins,  
Chicago Cultural Center. Chicago, IL
- 2006 "Light and Shadow/Form and Structure" lecture, Graduate Lighting Lab,  
School of the Art Institute Chicago. Chicago, IL
- 2006 *DEADTECH: an artist run center*, lecture and panelist, [FRAY] conference,  
School of the Art Institute Chicago. Chicago, IL
- 2006 *Work vs. Work*, lecture and panelist, The Entrepreneurial Spirit,  
School of the Art Institute Chicago. Chicago, IL
- 2003 *Wardriving for Newbies* workshop, DEADTECH, Chicago, IL
- 2002 *Critical Reverse Engineering and the GET REV.ENGe Project* lecture,  
Version02 Festival. Chicago, IL

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2001 *Out of the Studio into the World* panelist, School of the Art Institute  
Chicago. Chicago, IL

2001 *Nomads and Homesteaders* panelist, School of the Art Institute  
Chicago. Chicago, IL

## **Curation and Editing**

2015 – Current Founding Curator, EXOSKELETON, Los Angeles, California

2009 – 2012 Arts Editor – Drunken Boat online journal

1999 – 2008 Founding Curator – DEADTECH, Chicago, Illinois

2002 – 2008 Chicago Dorkbot – DEADTECH, Chicago, Illinois

2002 – 2007 Chicago Pure Data (PD) monthly meetings

## **Published Writings**

*EXOSKELETAL*, self-published email newsletter, 2015 - Current

*EXTREME WEATHER*, Altered Means, 2015

*RANGE: Local, Distant, Fringe*, Radius Experimental Radio, 2012

*Strange Sounds in Strange Places: Thinking About and Creating Interactive Electronic Art Outdoors.* – self-published Abandon Normal Devices Festival commission, 2011

*I Love Resets*, Issue #2 INCITE Journal of Experimental Media & Radical Aesthetics, 2010

*Political Song for Justin Timberlake to Sing*, self-published, 2008

*Technopolitic: Afrofuturism, Utopias and Rental Subwoofers*, self-published, 2008

*On the Being of Being an Artist* (2006). edited by Mary Jane Jacob. School of the Art Institute of Chicago, 2006

## **Teaching Experience**

2013 Adjunct Instructor, Motion Graphics with After Effects  
Digital Media Arts Dept., Orange Coast College – Costa Mesa, CA

2012 – 2013 Adjunct Instructor, History of New Media  
Digital Media Arts Dept., Orange Coast College – Costa Mesa, CA

2008 – 2009 Teaching Assistant, Prof. Igor Vamos,  
Electronic Arts Dept., Rensselaer Polytechnic Institute – Troy, NY

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2002 – 2006 Faculty Advisor – MFA Studio, Sculpture Department, School of the Art Institute Chicago, Illinois.

## **Professional Experience**

2015 – Current	Experience Director, Blitz Agency
2013 – 2014	Technology Director, Blitz Agency
2012 – 2013	Consulting Technologist
2008 – 2012	Executive Advisory Board, VII Photo Agency
2008 – 2012	Technology Lead Consultant, Element79 Partners
2005 – 2008	VP, Director of Technology, Element79 Partners
2003 – 2005	Chief Technology Officer, Tractiv, LLC.
2000 – 2003	VP, Director of Technology, iLeo/Arc Worldwide

## **Technical Abilities**

### **Building and Fabrication**

**Metal Fabrication and Welding:** MIG and oxy-acetylene welding, brazing, structural soldering, hand shear, pneumatic shear, hydraulic metal punch, grinding.

**Woodshop:** CNC routing, hand routing, drill press, table-saw, band saw, hand tools.

### **Electronics and Creative Computing**

**Embedded Systems and Hardware Interfacing:** Arduino/Wiring, Digi Xbee, Parallax Basic Stamp, digital and analog sensor interfacing, USB/serial, Eagle and Kicad PCB layout, DC motor control, pneumatic and small scale hydraulic actuation, digital and analog electronics circuit design, 802.11a/b/g/n WiFi communications and TCP/IP protocol packet analysis (Wireshark).

**Audio:** Adobe Audition CC 2015, Audacity, Ableton Live Studio 9(performance and sound design) Max/MSP/Jitter, Pure Data (pd)

**Animation, Video and Motion Graphics:** Adobe Premiere, Sony Vegas, Adobe Audition CC 2015, Adobe After Effects CC 2015, digital stop-motion

### **Web Design, Development and Server Setup**

**Design:** Photoshop CC 2015, Illustrator CC 2015

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**Web Programming:** HTML, Python, Javascript, Sass/CSS

**Application Frameworks and Content Management Systems:** Drupal 7,  
Django, Wordpress

**Web Servers and Databases**

nginx, Apache Web Server 2, Apache Solr, Postgres, MySQL, MS SQLServer

**DevOps**

Chef 12, RubyGems, Jenkins, Ansible

**Linux:** Centos, RedHat Enterprise Server, Ubuntu

**Cloud Environments:** Google App Engine, Amazon S3 and Glacier, Amazon  
EC2, Amazon Route 53 DNS

**Source control:** Git, BitBucket

**Appearances in Print and Online Media**

Reaves, Kelly "Dormant Art: an Interview with Rob Ray of Deadtech" Art and  
Culture in Chicago, 3/21/2009

Reaves, Kelly "You Can't Please Everyone: The Dubious Relationship between  
Logan Square and it's Bohemian Inhabitants" Art and Culture in Chicago,  
8/8/2009

Castellano, Laura "Dork City – Dorkbot Hits Logan Square" NewCity Chicago,  
12/4/2007

Robertson, Cory "Portrait of the Gallerist – Rob Ray" NewCity Chicago,  
12/4/2007

Glisson, James "High Impact" – TimeOut Chicago, 9/27/2007

Viera, Laura "The New Geeks" – TimeOut Chicago, 8/4/2005

Viera, Laura "Real Geniuses," TimeOut Chicago, 1/23/2005

Johnson, Chris "Interview w/ Deadtech" Citylink, 3/3/2002