

Morgan Sutherland
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Education

- 2007-present **Concordia University**, Montreal, QC, Canada
Computation Arts (Faculty of Fine Arts)
- 2009-present **McGill University**, Montreal, QC, Canada
Music Technology (Schulich School of Music)
- Activities:** DATA Art Technology Association (founder)
Awards: Sustainable Action Fund grant 2010
 FASA Special Project Grant 2009

Employment

- 2011-present **Alkemie Atelier**, media programmer
- 2007-present **Topological Media Lab**, research assistant
Designed and implemented responsive media systems for installations, kinetic sculpture, performance, and urban gardening. Produced photo documentation and maintained photo archive. Maintained internal web tools.
- 2010 (summer) **ESKI Studio**, media programmer
Implemented interactive systems for museum exhibits, web design and maintenance, network administration, photo documentation.

Projects

- 2011-present **Ozone** (Topological Media Lab)
> General framework for building responsive media systems in Max/MSP/Jitter
Project lead: Recruited and worked with a small team of media programmers to design the next generation of the Ozone media choreography system.
- 2011-present **Untitled**
> Conductive fabric interface and feedback system for stroke rehabilitation
Worked with doctors at the Jewish Rehabilitation Hospital to design a prototype motion capture and feedback system for stroke patients re-learning to walk.
- 2009 **Matt Haimovitz: Figrant Tour**
> Live responsive visuals
Designed a camera-driven responsive visual performance system and visual content. Performed with Haimovitz and Du Yun on US-Canada tour.

- 2009 **Canadian Center for Architecture 20th Anniversary**
 > Immersive LED Light Installation and Video Projections
 Lit three rooms of the CCA with sound-responsive multicolor LED lighting.
 Provided video projections for a concert with Montreal band BRAIDS.
- 2009 **Skylight**
 > Horizontal responsive video projection at Canadian Center of Architecture
 Worked with CCA to design and build an horizontal video projection that responded to visitors' movements for the Nuit Blanche Festival.
- 2008 **Esea (Topological Media Lab / Pneuma)**
 > Responsive light sculpture at Shanghai E-Arts festival
 Designed a responsive LED animation system for an architectural sculpture.

Exhibitions

- 03/2011 **LPD (Light Plane Depth)**. Art Matters: Enter the Foam. Eastern Bloc, Montreal.
 02/2011 **LPD (Light Plane Depth)**. Nuit Blanche: Black Hole. Redbird Gallery, Montreal.
 09/2010 **il y a**. Transitions: CCRMA Outdoor Concert. Stanford University, Palo Alto.
 05/2010 **LED light installation**. CCA 20th Anniversary. Canadian Center for Architecture.
 04/2009 **Time Sand: Responsive Microcosm**. EXPOSED 2009. Art Mur gallery, Montreal.
 02/2009 **Skylight**. Nuit Blanche at the CCA. Canadian Center for Architecture.
 10/2008 **Esea**. Shanghai eARTS Festival, Shanghai, China.
 09/2008 **Pneus**. Forest, 8th International Champ Libre. Monopoly gallery, Montreal.
 03/2008 **Remedios' Terrarium**. FOFA Gallery, Concordia University, Montreal.

Technical Skills

- Languages:** Max/MSP/Jitter, XHTML+CSS, MATLAB, Mathematica, C, Bash script
OS: Mac OS X, UNIX (Darwin), Linux (Arch), Windows XP/7
Software: Ableton Live, Adobe software, Apple developer tools, Vim
Experience:
- Responsive environment design (computer vision, a/v synthesis, sensors)
 - Gestural controllers (microcontrollers, analog electronics, data acquisition)
 - Web design and administration (UNIX)
 - Electronic music production and sound design
 - LED lighting and animation
 - Digital photography
 - Fabrication

Personal

- Citizenship:** United States of America
Languages: English, French (basic)

Find examples of work at: <http://msutherl.net/>