

## Curriculum Vitae

### Randy Jones

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## Education

2008 M.Sc. Computer Science, University of Victoria, Canada (expected completion August 2008)  
1993 Computed Art Intensive, Simon Fraser University  
1992 B.S. Computer Science / Studio Art, University of Wisconsin–Madison

## Professional Experience

Fall 2006–present: Research Assistant, Computer Music Program, University of Victoria  
Designed and implemented real time software for physical modeling synthesis. Implemented and supported software for other computer music projects.

Winter–Fall 2005: Technical Consultant, Stammen/Schloss  
Worked with a team of two artist/engineers to create a permanent installation, *Weather Permitting*, in the library's new Ballard branch. Designed and wrote Jitter patches to visualize real time wind data.

Summer 2003: Motion Graphics Designer, HPX Presents, Seattle  
Designed and implemented live tour visuals for the band Radiohead using Jitter. These visuals ran during the entirety of every performance for a seven week US tour and a four week Asian tour.

Spring 2001–Fall 2004: Programmer, Cycling '74, San Francisco  
As part of a team of three initial programmers, created Jitter, a matrix processing extension to the Max/MSP environment. Designed and implemented the suite of OpenGL graphics objects for the product, and wrote the accompanying user documentation.

1998–2000: Programmer, Onadime Inc., Seattle  
With another programmer and one designer, created the Onadime Composer, a program for authoring sound-responsive visuals. Wrote a custom video-processing engine enabled by Apple and Motorola's AltiVec technology. Designed and wrote the user interface for the Onadime Player application.

1996–1998: Programmer, Zombie Games, Seattle  
Wrote graphics code and development tools for video games in C and C++.

## Performances / Exhibitions

2008 Communikey Festival, Boulder  
Cinema by Design at the Northwest Film Forum, Seattle  
2007 *For MahaDeviBot and Tape*, MISTIC Concert, University of Victoria  
Klangbiennale 1, Frankfurt, *Simanim* by Dániel Biró: realization and live electronics  
*Six Axioms* audio+visual performance:  
MUTEK Festival, Montréal  
New Interfaces for Musical Expression (NIME), New York  
Conference on Computational Aesthetics, Banff  
Cinema by Design at the Northwest Film Forum, Seattle  
MISTIC Concert, University of Victoria  
2006 *Six Axioms*:  
New Forms Festival, Vancouver  
Decibel Festival, Seattle  
Spark Festival, University of Minnesota / Minneapolis  
2005 New Interfaces for Musical Expression (NIME), Vancouver  
2004 New Forms Festival, Vancouver  
*Gray Code* for Trimpin's *Eight Robotic Turntables*, University of Victoria  
Holocene, Portland

## Performances / Exhibitions (continued)

- 2004 Portland State University  
2003 Polestar Music Gallery, Seattle  
The Sugar Refinery, Vancouver  
The Blinding Light, Vancouver  
Visual Music Festival at the Northwest Film Forum, Seattle  
2002 Technicolor audiovisual performance series, Berlin  
Media-Space Festival, Stuttgart  
120seconds.com Digital Film Festival, Vancouver  
2001 The Video In, Vancouver  
Transmissions Festival, Chicago  
Sonar Festival, Barcelona, *Lunarlanderlegs* screening  
Visual Music Festival at the Northwest Film Forum, Seattle  
*UNI* audio+visual performance with Andy Schloss:  
New Interfaces for Musical Expression (NIME), Seattle  
2000 *UNI*:  
Festival Int'l de Música Electroacústica, Havana  
LEAPS Festival, Vancouver BC  
CCRMA Spring concert, Stanford University  
Speakeasy Cafe, Seattle  
SIL2K experimental music series at I-Spy, Seattle

## Publications

### *New Eyes for the Mind*

R. Jones. In *The Cinematic Experience*, Sonic Acts Press, Amsterdam, 2008.

### *Interoperability and the Marsyas 0.2 Runtime*

G. Tzanetakis, R. Jones, C. Castillo, L. G. Martins, L. Teixeira, M. Lagrange.  
In *Proc. Int. Conf on Computer Music (ICMC)*, 2008.

### *Stereo Panning Features for Classifying Recording Production Style*

G. Tzanetakis and R. Jones and K. McNally. In *Proc. Int. Conf. on Music Information Retrieval (ISMIR)*, 2007.

### *A Hand Drumming Dataset for Physical Modeling*

R. Jones and M. Lagrange and A. Schloss. In *Proc. Int. Conf on Computer Music (ICMC)*, 2007.

### *A Poetics of Simulation for Audiovisual Performance*

R. Jones. In *Proc. Int. Conf on Computational Aesthetics (CAe)*, 2007.

### *Controlling a Physical Model With a 2D Force Matrix*

R. Jones and A. Schloss. 2007. In *New Interfaces for Musical Expression (NIME)*, pages 27–30.

### *Creating Visual Music in Jitter: Approaches and Techniques*

R. Jones and B. Nevile. 2005. *Computer Music Journal*, MIT Press, Vol. 29, No. 4.

### *MTC Express Multi-touch Controller (review)*

R. Jones. 2001. *Computer Music Journal*, MIT Press, Vol. 25, No. 1.

## Lectures / Panels / Workshops

- 2008 Communikey Festival, Boulder, "Cycling 74 and Randy Jones present Jitter"  
2007 The Cinematic Experience at Cimatics, Brussels, "New Eyes for the Mind"  
2007 MUTEK, Montréal, panelist, "VJing, Live Cinema and Beyond"  
2007 Computational Aesthetics, Banff, "A Poetics of Simulation for Audiovisual Performance"  
2007 West Coast Composers Symposium, UBC Vancouver, "2up.jit.clouds"  
2006 Decibel Festival, Seattle, panelist, "Intersections Between Contemporary Art and Sound"  
2006 Jitter Night School, CNMAT, University of California Berkeley: "Render\_node for Jitter"  
2005 Decibel Festival, Seattle, panelist, "The Future of Music"  
2004 Dorkbot, Center on Contemporary Art, Seattle, "Live Audiovisuals: Concepts And Technology"  
2003 MUTEK, Montréal, panelist, "The Future of Music Software"  
2002 Media-Space Festival, Stuttgart, "Introduction to Jitter"

For a full list of performances and works, please visit <http://2uptech.com>.