

Curriculum Vitae

Randy Jones

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Education

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

Professional Experience

Fall 2006–Summer 2008: 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. Neville. 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>.