

Joel Horne

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Education

- 2009 University of North Carolina at Asheville, Asheville, NC BA in Interdisciplinary Studies
 - Independent degree: “Experimental Media Arts and Technology,” focus in Multimedia, Sculpture and Mechatronic Engineering
 - Distinction in Interdisciplinary Studies
 - Distinction as a University Research Scholar

Work experience with Mechatronics

- Co-founder of “Asheville Robotics: Learn and Create,” March, 2010 - Present
 - An educational company for teaching electronics, robotics and other technical subjects to kids through workshop courses, summer camp, and private classes.
- 6 years experience designing and building mechatronic art that utilize complex electrical/mechanical systems, and programming.
 - Professional installation of these works at events around the country

Select New Media Sculptures and Installations:

- *Psyb-Org* (commissioned, collaborative project)
 - *Project Description:* A musical performance station that houses Mooge instruments and is built as a sculptural “organ” with playable, frequency reactive light art.
 - My role was technical and artistic designer for lighting. This included circuitry, programming and team lead for installation of the project's 900+ frequency reactive lights.
 - Select showings include:
 - *MoogeFest*- NC, 2012
 - *Burning Man*- NV, 2012
 - *Gnarnia*- NC, 2012
- *Form Beyond Space*
 - *Project Description:* A figurative sculpture in which a quickly spinning form of faces vines and fabric is lit with precisely timed lights to create mesmerizing illusions in its motion.
 - Sponsored as an entrance sculpture for Alex Grey's art dome at Burning Man, 2012
 - Select showings include:
 - *Visionary Arts Fair*, GA, 2012
 - *Burning Man*, NV, 2012
 - *Gnarnia*, NC, 2012
 - *Alchemy*, GA, 2012
- *The Labyrinth*
 - *Project Description:* A kinetic/immersive sculpture and projection environment. Its hallways move around and within one another to create a dynamic temple/playground of imagery and motion.
 - *International Publication:*
 - To be featured in the upcoming book: *Kinetic Architecture: Designing with Movement*, By Dr. Carolina Stevenson of Andes University, Columbia

- Select showings include:
 - *Winter Festival of Wonders*, Baltimore, Maryland, 2012
 - *Forward Fest*, Washington DC, 2012
 - *Genesis*, NC, 2012
 - *ReHappening*, Black Mountain Collage, NC, 2012
- *Wheel of Storms and Stillness*
 - *Project Description*: A sculpture in which sequentially arranged face-casts spin on a wheel. Precisely timed lights create the illusion that these faces are animating in place.
 - Presentation of work at UNCA Undergraduate Research Spring Symposium, 2008
 - Select showings include:
 - ReHappening, NC, 2012
 - Equinox Landing, NC, 2012
 - Transformus, NC, 2010
 - Evoke Community Full Moon Gatherings, NC, 2008-2010
 - TOUCH Samadi Events, NC, 2009-2010
- *Body of Mist and Light*
 - *Project Description*: A motion tracking stage in which emissions of mist and colored lights follow the movements of a performer's hands and react to his gestures in real time.
 - Funding awarded by UNCA Summer Research Partnerships Grant, 2009
 - Working prototype and performance presented at Big South Undergraduate Research Symposium, 2010
 - Received publications in two peer reviewed journals, 2010

Live Video Mixing and Projection Installations

- I have regularly worked as a VJ and installation artist for monthly events and large festivals since 2006.
- Select Shows Include:
 - PreHappening, NC, 2012
 - Worked with Asheville Mobile Art Lab to project high-lumen visuals onto a skyscraper
 - Set up interactive projection wall on the street using live video feedback
 - Forward Fest, Washington DC, 2012
 - Live projections and video mapping onto kinetic environment, *The Labyrinth*
 - Winter Festival of Wonders, Baltimore, Maryland, 2012
 - Live projections and video mapping onto *The Labyrinth*
 - Equinox Music Festival, NC, 2011
 - Installation of interactive projection screen
 - Hatchfest, Asheville, NC, 2010
 - Multi-projector, collaborative visual performance
 - And many more

Selected Movement Performances with Multimedia Integration:

- Clan Destiny Circus Show, 3 Days of Light Festival, NC 2012
- "Circle of Dreams," Variable 2.0, Asheville, NC 2008
 - Best in Show Award
 - Video of performance received "Best in Show in Video"
 - at UNC Asheville Multimedia Arts and Sciences Juried Student Show, 2009
- "Sound Mind Reform," Joli Rouge, Asheville, NC 2007
- "Sound Body Dream Become," Bebe theater, Asheville, NC 2007
- "Evolution of My Animal," Future of Traditions, Asheville, NC 2006