

**john carpenter**

johnbcarpenter@gmail.com

<http://www.johnbcarpenter.com>

John Carpenter is an interactive digital artist and designer whose work explores gesture and *qualitative spaces in interactive art + design*. Based in Los Angeles, he works for Oblong Industries as a *g-speak engineer* and is a *visiting professor* in the Multimedia Arts Department at Loyola Marymount University. John earned his MFA from the department of Design | Media Arts at UCLA (2009) and has recently exhibited work at the 84th Annual Academy Awards, ACME., Los Angeles and Young Projects at the Pacific Design Center.

**education**

graduate:

**Master of Fine Arts, 2009**

University of California, Los Angeles (UCLA)

Design Media Arts, the School of Arts and Architecture

*distinctions* John Neuhart Scholarship 2008-2009

undergraduate:

**Bachelors of Science, 2001**

University of Arizona, Tucson

Molecular & Cellular Biology, *minors* Studio Art, Psychology*distinctions* Summa Cum Laude with Honors (Cumulative GPA: 4.00), Dean's List with Distinction '97-01, Highest Academic Distinction '97-01, Phi Beta Kappa National Honorary, Golden Key National Honor Society, *Phi Eta Sigma*, *Mortar Board*, Arizona Board of Regents Scholarship '97-01**professional**

08/2012 - current

**Oblong Industries, Inc. / Los Angeles, CA***g-speak engineer* and *designer* working on the next generation of computing interfaces with Oblong's Client Solutions team. Work includes the design and programming of gestural and collaborative multi-user, multi-input, multi-machine, multi-screen software systems for interactions with complex data and spaces.

01/2010 - current

**Loyola Marymount University / Multimedia Arts / Los Angeles, CA***Visiting Professor* teaching *Programming for Creative Applications* (Processing and Flash) and *Computer Graphics* (Adobe Creative Suite).

10/2005 - 09/2011

**Morphosis Architects / Culver City, CA***Visual and Interactive Designer* for Thom Mayne's Pritzker Prize winning interdisciplinary architecture practice. Work focused on interactive digital presentation tools that allowed for customizable, non-linear interaction with programmatic and conceptual building systems and datasets. Additionally, prototypes and sketches were created for the integration of interactive, responsive media into architectural environments. This work was used in both the analytical/design process and played a large role in business development and public relations.

07/2001 - 08/2005

**California Institute of Technology / Pasadena, CA***Interactive Designer/Research Assistant* for davidkremers in Scott Fraser and Russ Jacob's Biological and Brain Imaging Centers. The groups are collaborative and multi-disciplinary research teams that pioneer visualization techniques and imaging tools for the study of developmental biology. Work focused on interactive visualizations of anatomical data through time, websites, and branding identity.**programming  
software**

g-speak, Greenhouse, Cinder, C++, Processing, ProcessingJS + HTML5, git Xcode, sublime, Adobe Creative Suite, Unity 3D, iWork, Office.

## exhibitions

- 2014/10/09-12 Art Silicon Valley / *Dandelion Clock* / San Jose Institute of Contemporary Art / San Francisco, CA
- 2014/10/05 *Curiouser and Curiouser* at the AxS Festival 2014 / visuals accompanying Elaine Bearer's original music composition / Stephen Grimm, Conductor / Pasadena Pro Musica / Neighborhood U.U. Church / Pasadena, CA
- 2014/06/21 "Songs and Elements" with Elaine Bearer / El Museo Cultural de Santa Fe / NM
- 2014/05/31-09/06 "poetic codings" / *dandelion clock* / ICA / San Jose, CA
- 2014/01/31-04/29 "Presentism: Light as Material" / young projects / *trailers\_anemone* and *untitled01* / Pacific Design Center / Los Angeles, CA
- 2013/07/13-08/17 ACME / *trailers\_anemone* / Los Angeles, CA
- 2013/04/27-06/02 "poetic codings" / *dandelion clock* / Boston Cyberarts Gallery / Boston, MA
- 2013/04/06-06/16 "Landscape Photography in a Changing World" / *dandelion clock* / The Bascom / Highlands, NC
- 2013/01/26-03/30 "poetic codings" / *stars* / The Fellows of Contemporary Art / Los Angeles, CA
- 2012/09/27-30 Art Platform -- LA / ASPEN with Young Projects / Barker Hanger Santa Monica, CA
- 2012/05/25-07/27 Brain Storming Turing: Celebrating the Alan Turing Centennial / *SOCnet v2.0* / UCLA Art | Sci Center @ California NanoSystems Institute (CNSI), Los Angeles
- 2012/02/26 84th Annual Academy Awards / *STARS\_SQUARED* and *dandelion clock* / Kodak Theater / Hollywood, CA
- 2012/02/04 fresh stART / *Dandelion Clock Still* / Arena 1 Gallery / Santa Monica, CA
- 2011/10/02 *Water Music/Fire Song* at the AxS Festival 2011 / visuals accompanying Elaine Bearer's original music composition *Tiger* (2011) / Stephen Grimm, Conductor / Pasadena Pro Musica / Neighborhood U.U. Church / Pasadena, CA
- 2011/09/22-11/11 young projects / *light shadows* and *fields\_SE* / Pacific Design Center / LA, CA
- 2011/09/10-10/08 ACME / *dandelion clock* / Los Angeles, CA
- 2011/06/29 SCI|ART NANOLAB 2011 / *SOCnet v1.0* / C(N)SI Gallery, UCLA
- 2011/06/10-19 Currents 2011 / *dandelion clock* / El Museo Cultural de Santa Fe / Santa Fe, NM
- 2011/04/01-02 Art and Science of Systems Biology / *dandelion clock + SOCnet v1.0* / Santa Fe Complex, NM / with Adam Stieg
- 2010/10/21-24 ACADIA (Association for Computer Aided Design in Architecture) 2010 / exhibition design / Cooper Union, New York, NY / with Chandler Ahrens
- 2010/09/25-26 GLOW 2010 / *shoreline luminescence* / Santa Monica, CA / with d!gby and Alex Deutschman
- 2009/07/16 SCI|ART NANOLAB 2009 / C(N)SI Gallery, UCLA
- 2009/05/14-28 2009 D|MA MFA Exhibition / *shoreline equivalent* / UCLA New Wight Gallery / Los Angeles, CA
- 2008/04/03 2009 MFA Candidates Exhibition / David Bermant Gallery at the Experimental Digital Arts Building, UCLA
- 2008/01/07 MFA 1st Year Exhibition / Wight Gallery at the Broad Art Center, UCLA
- 2001/05 *a melding of art and science* / Life Sciences South Building, U of A, Tucson

## selected press

- Willis, Holly, *Interactive Experiences: Artist John Carpenter's Haptic Media Systems*, KCET ARTBOUND (Los Angeles: October 23, 2014).
- Ollman, Leah, *Review: YoungProjects 'Presentism' induces a State of Wonder in Light*, Los Angeles Times (Los Angeles: April, 2014).
- Avedisian, Alexis, *Play with Magic, Dandelion Clock by John Carpenter: Poetic Codings at Boston Cyberarts*, Dig Boston (Boston: May 8, 2013).
- Landes, Jennifer, *The Universe in a Dandelion*, The East Hampton Star (New York: October 02, 2012).
- Ollman, Leah, *Art review: 'The Mechanical Bride' at YoungProjects*, Los Angeles Times (Los Angeles: November 14, 2011).

## teaching

- 2014 fall ART 182: *Programming for Creative Applications* (Processing and Flash), Visiting Professor / LMU (Loyola Marymount University)
- 2013 fall ART 182: *Programming for Creative Applications* (Processing and Flash) / LMU
- 2012 fall ART 182: *Programming for Creative Applications* (Processing and Flash) / LMU
- 2011 fall ART 182: *Programming for Creative Applications*, Visiting Professor / LMU
- 2011 spring ART 260: *Computer Graphics* (Adobe Creative Suite), Visiting Professor / LMU
- 2010 fall ART 260: *Computer Graphics* (Adobe Creative Suite), Visiting Professor / LMU
- 2010 spring ART 182: *Programming for Creative Applications*, Visiting Professor / LMU
- 2009 summer UCLA SCI|ART NANOLAB 2009, Instructor / 2009/07/06-17 / C(N)SI, UCLA
- 2008 summer UCLA SCI|ART NANOLAB 2008, Instructor / 2008/07/07-18 / C(N)SI, UCLA

## **Lectures+juries**

- 2014/10/18 Natural Discourse: Light & Image / *Better Codes & Gardens* / Los Angeles County Arboretum and Botanic Garden / Arcadia, CA
- 2014/10/06 Visualizing Form and Function: Tales from the Technoweenies / *gesturing with spatial pixels* / USC / Los Angeles, CA
- 2013/05/05 Game Technologies & Interactive Media / *qualitative spaces in interactive art + design* / Bren School of Information and Computer Sciences at UC Irvine
- 2013/03/11 Digital Studies Symposium / *qualitative spaces in interactive art + design* / School of Cinematic Arts at USC
- 2013/01/26 Dorkbot SoCal 51 / *qualitative spaces in interactive art + design* / The Public School, LA
- 2012/04/12 Advanced Computational Design Jury / Professor Satoru Sugihara / SCI-Arc
- 2011/10/20 Advanced Computational Design Jury / Professor Satoru Sugihara / SCI-Arc
- 2011/06/29 UCLA SCI|ART NANOLAB 2011 / *qualitative spaces in interactive art* / C(N)SI, UCLA
- 2011/06/05 Dorkbot SoCal 44 / *qualitative spaces in interactive art* / machine project, LA
- 2010/06/25 UCLA SCI|ART NANOLAB 2010 / *art | sci | arch* / C(N)SI, UCLA
- 2008/12/30 MLA (Modern Language Association) Annual Convention 2008 / *northText v 1.0* poster presentation, w/ James Pulizzi and Jeremy Schmidt / San Francisco, CA
- 2008/05/29 UCSB Consortium of Literature, Theory, and Culture's Sixth Annual Graduate Conference / *peripeteia* / McCune seminar room, UCSB

## **publications**

- Chandler Ahrens and John Carpenter. "in:Formation on Curatorial Design" chapter, ACADIA 2010 *LIFE in:formation, On Responsive Information and Variations in Architecture*, Exhibition Catalogue. ACADIA, 2010.
- John Carpenter. *Shoreline Equivalent: Qualitative Spaces in Interactive Art*. Los Angeles: University of California, Los Angeles, 2009.
- Ramia Mazé and Johan Redström (2008) "Switch! Energy Ecologies in Everyday Life" (see *3Ecologies*). *International Journal of Design*, 2 (3). pp. 55-70.
- John Carpenter. *A Melding of Art and Science*. Tucson: University of Arizona, 2001.