

## Richard Joon Yoo

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## Resume

### Employment

**Eric Owen Moss Architects**, *Junior Designer*. November 2007 – November 2009.

- Collaborated on the Schematic Design phase of the Glass Tower Project
- Developed complete Schematic Design Drawing Set
- Engaged and collaborated with contractors in multiple fields and disciplines
- Developed Complete Progressive Award Package for the Glass Tower in 2008
- Developed Digital Project/ Catia model for Glass Tower, Pterodactyl, and Annex
- Prepared BIM/ Catia model, including IFC data, for bid package on Pterodactyl
- Integrated BIM/ Catia/ Digital Project in office workflow
- Executed collaboratively several international competitions
- Constructed collaboratively exhibition at SCI\_Arc, "If Not Now, When?"
- Built 1/8 scale Glass Tower physical model of laser cut museum board
- Designed collaboratively large components of the Glass Tower project

**George Yu Architects**, *Design Intern*. February 2006 – August 2006.

- Executed collaborative concept, design, modeling, rendering, and model making of regional, televised, and global competitions.

**OCDC**, *Design Intern, Competitions*. May 2005 – August 2005.

- Collaborated from original concept to final boards of several competitions.
- Designed and built lighting schemes for several installations and models.

**Chicago Historical Society**, *Exhibition Design Assistant*. September 2001-June 2002.

- Designed and Installed multiple exhibitions.
- Designed and Constructed two architectural models of proposed exhibits for committee review.

### Teaching

**Taubman School of Architecture and Urban Planning**, *Drawing Workshop*. Spring 2011.

**Form-Genics**, 4<sup>th</sup> Year Undergraduate Studio: From abstract formal relationships, intuitive processes of combination, and gestural interpretations new sets of logic emerge through combinatory exercises derived from genetic breeding.

**Woodbury University**, *Adjunct Professor*. Fall 2009 – Summer 2010.

**Studio 3/5**, 2<sup>nd</sup>/4<sup>th</sup> Year Undergraduate Studio: Homes in foreclosure are redesigned based on the intersection of three streams of research: a study of the student's relationship to the architecture of their childhood home, a transformation of intuitive collages from 2D to 3D, and a field trip through "Multiple Scales of Abandoned Domesticity".

**Studio 6**, 3<sup>rd</sup> Year Undergraduate Studio: This studio focuses on the design of public space. In particular, it examines the role of art and art production as it engages the public realm. Special emphasis is placed on the role of programming as a means of social critique.

**Digital Communication**, 2<sup>nd</sup> Year Undergraduate Seminar (two sections): Beginning with a study of photographic light and space, the workflow from digital modeling, rendering, and post production is covered with an emphasis on the history of representation. Precedents are

studied, and modeled, with emphasis on the representation maintaining the concept of the design. Finally the concept of their precedent is transferred to a new site and re-expressed in their final project.

**Southern California Institute of Architecture**, *Adjunct Professor*. Spring 2010.

**Prosthetics Architecture/ BIM**, Applied Studies Seminar, Graduate and Undergraduate: The craft of an integrated design and building process through the use of the Building Information Model is explored through understanding issues and developments in computation, software emergence and design representation as well as models of collaboration with respect to professional practice. In the first half of the semester post-rationalization methods of design are incorporated to model a selection of medical prosthetics – extremely site specific devices that relate to the body through neural, vascular, or structural systems. The second half of the semester the student engages in the concept of Architectural Prosthetic. Just as prosthetic interfaces with the body through neural, vascular, or structural systems, we will engage an existing architectural condition through a study of the site's specific underlying systems.

## Guest Critic

Invited to participate on Jury Panels at the following Universities: Pratt Undergraduate Thesis Reviews, Columbia University GSAPP, The Cooper Union, Taubman School of Architecture at the University of Michigan, NYIT, RPI, SCI\_Arc, Woodbury University.

## Education

**Southern California Institute of Architecture**, Masters in Architecture 1.

Graduated September 2007.

**Art Institute of Chicago**, *BFA in Sculpture, Video, and Writing*.

Graduated June 2002.

**Saint Mary's College of Maryland**, *Business, Writing, Philosophy, Painting, Sculpture*.

September 1996 - June 1998.

## Competitions

**PropX**, Los Angeles. *Organized Crime Design Collective*. Fall, 2006.

**The City of the Future, Los Angeles 2106**, History Channel. *George Yu Architects*. Nov. 2006.

**Gardens by the Bay Competition**, Singapore. *George Yu Architects*. Summer, 2006.

**Prototype Client Experience Center**, EDS. *George Yu Architects*. Spring, 2006.

**Origami House**, ShinZin. *Organized Crime Design Collective*. Fall, 2006.

## Exhibitions

**SCI\_Arc Gallery**: *Eric Owen Moss Installation: If Not Now, When?* May 2009.

**JACCC: George J. Doizaki Gallery**, *OCDC Architecture Installation*. November 2006.

**Perloff Hall UCLA**, *PropX Competition*. October 2006.

**Telic Gallery**, *Physical Computing Exhibition*. September 2006.

**Forum Fest**, *Wall of Thom's*. *George Yu Architects*. June, 2006.

**University of Washington Architecture Gallery**, *Physical Computing Exhibition*. Spring 2003.

**Gallery 2 Chicago**, *B.F.A. Exhibition*. Spring 2002.

**Saint Mary's College of Maryland**, *Undergraduate Sculpture exhibition*. Spring 1998.

## References

**Dolan Daggett, Eric Owen Moss Architects:** Project Manager. 310.839.1199

Dolan@ericowenmoss.com

**Randy Stauffer, Woodbury University:** Chair of Interior Architecture. 818.252.5144

Randy.Stauffer@woodbury.edu

**Coy Howard, SCI\_Arc:** Distinguished Faculty. 310.266.4968

CoyvHoward@aol.com

## Computer Experience

**BIM and Parametric:** Digital Project V4/Catia (extensive)

**3D Modeling:** Rhino 4 (extensive), Maya 8.5, Sketch Up

**Drawing:** Rhino 4 (extensive), Illustrator (extensive), Autocad

**Rendering:** Maxwell (extensive), Flamingo NXT (extensive), Maya Mental Ray, Penguin, 3ds Max

**Animation:** Adobe After Effects, Maya 8.5 (extensive)

**Video Editing:** Final Cut Pro (extensive), Adobe Premier (extensive)

**Photo Manipulation:** Photoshop CS 4 (extensive), Lightroom, Illustrator CS4 (extensive)

**Sound Editing:** Apple Garage Band

**Input/Output Devices:** Arduino, Processing, Handiboard,

**CNC:** output through 3 axis milling, laser cutting, 3D printing

## Material and Fabrication Experience

**CNC:** 3 axis Milling, Laser Cutting, 3D Printing

**Metal Working:** Mig, Tig, and Arc welding. Torch bending and Cutting. Plasma Cutting.

**Electronic:** Infrared Sensors, Light Sensors, Servo Actuators, LED wiring,

**Materials:** Fiber Glass Construction, Vacuum Forming, Wood Working

## Awards

**Art Institute of Chicago, Merit Scholarship.** Awarded 1998

**Art Institute of Chicago, Travel grant scholarship.** Awarded 1998