

Josh Lobel

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KEY POINTS



“There’s nothing worse than answering well the wrong question.”

Alejandro Aravena, Architect, TEDGlobal 2014

Design Development.

Applied Research.

Project Management.

Modeling, Graphics and Rendering.

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 S.M.Arch.S, Design and Computation, School of Architecture, 2008

CORNELL UNIVERSITY
 B.Arch., College of Architecture, Art & Planning, 1999
 Rome Program, 1998
 Traveling Summer Studio: Scandinavia, 1997

PROFESSIONAL PRACTICE

- | | |
|---------------------------|---|
| 2010 - | BIM & Design Development Manager, Architectural Woodwork Industries, Philadelphia, PA |
| 2009 - | Owner, Lobel Initiatives LLC (formerly The Josh Lobel Initiative)
Projects & Clients include:
> Design-Build: Passive Solar Lighting Installation; Private Client, NYC, NY
> Design Development & Prototyping; KGS Buildings, Cambridge, MA
> Curriculum theme development; NYC for the Charter High School for Architecture, Engineering & Construction Industries (AECI), NYC, NY
> Implementation Consultant; Point B Design Ltd., Philadelphia, PA |
| 2008 - 2009
(9 mos) | Facade Consultant Front Inc., NYC, NY
Projects include:
> 441 E57 St Lofts, NYC, NY
> Lincoln Square Synagogue, NYC, NY
> MahaNakhon Tower, Bangkok, Thailand |
| 2004 - 2006
(1yr 3mos) | Project Architect Matthew Baird Design, NYC, NY.
Projects include:
> Botkin-Sonday condo renovation, NYC, NY
> Bahari condo renovation, NYC, NY
> Fortress Investment Group office build-out, NYC, NY |

PROFESSIONAL PRACTICE (cont'd)

2004 (6 mos)	Freelance Designer Scott Abrahams Architecture, NYC, NY Projects include: > "Polaroid House" condo renovation, NYC, NY
2003 - 2004 (9 mos)	Project Architect Gensler, NYC, NY Projects include: > JC Flowers and Company office build-out, NYC, NY > Weil Gotshal Manges office build-out, NYC, NY
1999-2003 (2yrs 4mos)	Project Architect Mark Horton / Architecture, San Francisco, CA Projects include: > Fillmore Jazz Club schematic design, San Francisco, CA > Layton Residence winery, Sonoma, CA > Kreissman condo renovation, San Francisco, CA > Crissy Field Aviation Museum concept design, San Francisco, CA

ACADEMIC EXPERIENCE

2014 -	Guest Instructor NextFab > Introduction to Grasshopper > Intermediate Grasshopper
2014 -	Guest Tutor Digital Tutors (online) > Complex Surface Modeling in Rhino (released 8/14/2014) > Utilizing Algorithms to Design a Parametric Skyscraper in Grasshopper (released 12/20/14)
2010	Adjunct Philadelphia University > ARCHDSN-208 Vis I: Digital Modeling, Fall 2010
2009	Guest Lecturer Cornell University > Arch 2503 - Drawing III: Digital Media: Intro to Computational Methods > Arch 3308 / 6308 - Theory Seminar: Concept Design Games
2006 - 2008	Teaching Assistant MIT > 4.553 Digital Fabrication: Professional Applications, Prof. Dennis Shelden, Spring 2008 > 4.560 Geometric Modeling, Prof. Takehiko Nagakura, Fall 2007 > 4.124 Design Studio: Level I, Prof. Meejin Yoon, Spring 2007 > 4.143 Design Studio: Level II, Post-doc Axel Kilian, Fall 2006
2007	Adjunct Boston Architectural Center > Rhino I: Introduction to 3d Design; Summer 2007

RELATED EXPERIENCE

2014	Forecaster: Good Judgment Project (IARPA-funded Geopolitical Forecasting Tournament)
2010, '11, '14	Scientific Committee Reader: SIGraDI Conferences (Sociedad Iberoamericana de Gráfica Digital [Iberoamerican Society of Digital Graphics])
2010	Co-Organizer: coLab: Parametric Design to Digital Fabrication Workshop (in association with Mode Collective)
2010	Workshop Participant: Smart Geometry 2010: Working Prototypes
2009, '10	Organizer: MIT Design and Computation Alumni Symposium
2007-2008	Research Participant: FACADE (Future-proofing Architectural Computer Aided Design), MIT Libraries research project
2007	Lead Design and Fabrication: Mobile Fab Lab, MIT Center for Bits and Atoms
2007	Researcher: Pre-fab Formwork, MIT Digital Design and Fabrication Group
2006	Technical Assistant: Kate Shepherd (layout and shop drawings for numerous gallery and published works)

PRESENTATIONS

- 2010 Invited Speaker: KA Connect; Chicago IL
- 2009 Keynote Speaker & Workshop Presenter: World Association of Chinese Architects (WACA) Annual Conference; Haikou, Hainan Province, China
- 2009 Invited Speaker: World Association of Chinese Architects (WACA) Annual Conference, Digital Architecture Group; Haikou, Hainan Province, China
- 2009 Panelist, AIA Build Boston, Socially Sustainable Design; Boston, MA; "Small Firm? Small Project? Small BIM?"
- 2009 Presenter, Digital Critical Conference, Harvard University; Cambridge, MA; "Ends-Means: Creating Value through Digital Design"
- 2009 Organizer and Moderator, MIT Design Computation Alumni Symposium; Cambridge, MA
- 2008 Presenter, Digital Critical Conference, Harvard University; Cambridge, MA; "The Representation of Post-Design (n.) Design (v.) Information"
- 2007 Second Author, Arab Society for Computer Aided Design Annual Conference; Alexandria, Egypt; "Materializing Design: CAD / CAM Technology in the Architectural Design and Fabrication Process"
- 2007 Presenter, Virtual Systems and Multi-Media Conference; Brisbane, AUS; "The Value of Digital Simulation in Digital Design"

EXHIBITIONS AND PUBLICATIONS

- 2009 Chen, S. and Lobel, J. eds. Computational Constructs: Architectural Design, Logic, and Theory. China Architecture and Building Press: Beijing, 2009.
- 2009 Lobel, J. "Computer Aids to Design" in Chen, S. and Lobel, J. eds Computational Constructs: Architectural Design, Logic, and Theory. China Architecture and Building Press: Beijing, 2009.
- 2005 "Kate Shepherd: Puzzles, Cards, and Blocks", Barbara Krakow Gallery, Boston, MA. Technical assistant to artist.
- 2004 "Kate Shepherd: Blue and Another Color", Anthony Meier Fine Arts, San Francisco, CA. Technical assistant to artist.
- 2004 Carber, Christine. "Coast to Coast: San Francisco Architect Mark Horton and Designer Vaughn Woodson Create a Russian Hill Apartment Reminiscent of Mid-town Manhattan." California Homes Jan.-Feb. 2004: 96-101. Article on Kreissman Residence.
- 2004 Artforum, March 2004 exhibition advertisement for "Kate Shepherd: Wall, Floor, Rocky Crag" at Galerie Lelong, NYC, NY.
- 2004 "Kate Shepherd: Wall, Floor, Rocky Crag", Galerie Lelong, NYC, NY. Technical Assistant to artist.
- 2002 Form.Z User Manual. Computer model / rendering featured on back cover of tutorial publication shipped with software.
- 2001 "Mark Horton / Architecture." In Form.Z June 2001: 21. Models / renderings featured.
- 2000 "Mark Horton / Architecture: CCA Dormitory." Small Firms / Great Projects, San Francisco AIA. Project model and rendering featured.
- 1999 Chi, L. "Boundary Studies." Journal of Architecture Education, 53:2, Nov. 1999: 115-121. Studio project featured.
- 1998 "Three Minutes." Solo photography exhibition. Hartell Gallery, Cornell University, Ithaca, NY.

HONORS, AWARDS & ACHIEVEMENTS

2008	SMArchS Thesis Prize, MIT
2007	Dept of Architecture full-tuition Merit-based Fellowship, MIT
2006	Appalachian Trail Thru-Hike, 2174.6 miles from Georgia to Maine
1999	'State of the Art Gallery' Photography Competition, Ithaca, NY. Finalist
1998	Arthur Gensler Scholarship Award, Cornell University
1997, '95	Photographers Forum Photography Competition. Finalist
1996	Paris Prize Competition in Architecture, Van Alen Institute. Finalist

PROJECT PROPOSALS

2009	New York Prize Fellowship, Van Alen Institute: "Spaces of Learning: Investigating the impact of physical environments on student performance in co-located schools."
2008	Arnold W. Brunner Grant, AIA NY: "Conceptions of Complexity: Analyzing the impact of CAD technology on social and cultural roles and responsibilities in architectural practice."
2007	21st Century News Competition, Knight Foundation: "ourWorld: A Pilot Project Toward New Possibilities in Education Regarding Who, What, and Where We are in the World." A GIS / mapping software development project for middle and high school students combining location-aware mobile technology, existing open-source frameworks, and a custom graphic user-interface.