

john locke, leed ap

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education

2008 - 2009

Columbia University

master of science in advanced architectural design

2000 - 2005

University of Texas at Austin

bachelor of architecture
minor in art history

professional

03.2011 - current

Rogers Marvel Architects . new york . ny

architectural designer

10.2009 - 03.2011

Skidmore, Owings & Merrill . new york . ny

architectural designer in the SOM Education Lab

The New School University Center

Part of the design team from Concept Design through Construction Documents on a 354,000sf University Center for the New School. Program elements include new academic spaces, an auditorium for public programs, serverly, cafe, a central university library, and a 612-bed dormitory. The project is aiming for LEED Gold and scheduled for completion in 2013.

06.2004 - 06.2008

Randall Stout Architects . los angeles . ca

project designer

Art Gallery of Alberta

I specialized in design, 3D modeling, drawing production and enclosure details from project inception and competition winning entry until end of construction documents phase on an 80,000sf museum. Main responsibility included the precise design of curvilinear geometry elements while generating ideas and coordination with DeSimone Structural Engineers and A.Zahner metal cladding to ensure integrity of design and fabrication aspects of the project. Project built in January 2010.

project designer

Eli and Edythe Broad Art Museum . Michigan State University

I was primary designer and led a team of four, meeting tight design and presentation deadlines in an international competition for a 50,000sf museum at MSU.

02.2009 - 04.2009

the Living . new york . ny

consultant

KTX: LivingLight Pavillion

I created a parametric model in catia, then linked that up with optimization software modeFrontier and FEA software AutoCad Robot to use genetic algorithms to quickly optimize the amount and location of columns of a pavillion in Seoul, Korea. After 2600 separate iterations, the most efficient design was chosen for fabrication.

other projects include:

Concept sketches for Pier 35, October 2011

Open House for the Future of Suburbia, April 2011

04.2007 - current

lioninoil.net . los angeles . ca

designer / co-founder

Freelance design work in web and graphic design, architecture + travel photography, clients include: Robb Report Magazine, Luxury Home Magazine, Platinum Publications - Academy Awards Preview Magazine, Travel+Leisure Magazine, Vacation Homes, Art & Antiques Magazine

academic

2009 - 2010

Columbia University . new york . ny

Assistant Critic

course: Advanced Architecture Studio VI, Studio Title: Cryptoform, Polytics, Noise: Taking the Post-Empire Pulse
I provided weekly desk crits in a third year design studio led by Ed Keller.

2009 - 2010

Teaching Assistant

courses: Intro To Digital Fabrication + Advanced Fabrication: Component Systems

I assisted with student projects, conducted software and machine tutorials, pursued research into materials and structural analysis as well as holding weekly lab hours in the digital fabrication shop using the cnc router, metal mill and waterjet.

2004 - 2005

University of Texas . austin . tx

Teaching Mentor

Provided weekly advice, tutorials, and design crit sessions for first year architecture students.

honors and awards

2009 Recipient of the William Ware Prize for Excellence in Design / Saul Kaplan Traveling Fellowship

The highest Honor Award given by Columbia for design work

2009 Awarded the Lucille Smyser Lowenfish Memorial Prize

Awarded for the best final semester design problem in each studio section

2009 Granted a school-wide William Kinne Traveling Fellowship

Project Title: Fast, Cheap and Out of Control (Without Architects), or: Why Infrastructure Won't Save Us

2007 process and promise of a new museum . roanoke . va

2005 undergraduate research fellowship awarded from the University of Texas Co-Op Society

publications affiliations

US Green Building Council LEED® AP Building Design + Construction V3

Department of Urban Betterment

Pay Phone / Share Book published in By The City / For the City, Part of Urban Design Week 2011

Pay Phone / Share Book shortlisted for the GO11 Award for Alternate Urban Use Award

Published in GSAPP Abstract 08-09

Represented Columbia at the AIA Center for Architecture, ARCH SCHOOLS: VISIONS OF THE FUTURE exhibit

Global Panopticon, studio critic Ed Keller

Portfolios and Website published in Designing a Digital Portfolio, by Cynthia Baron, printed by New Riders Press.

Chapter 5 . John Locke: Left Brain Right Brain

Portfolios and Website published in Portfolio Design, Fourth Edition by Harold Liton

Graphic Design published in Presentation Techniques & Dialogues printed by Fairchild Press

Utah Bus Stop published in Design! by Celine Delavaux, printed by Palette Press

skills

Autodesk Revit 2011, Adobe Creative Suite, Autodesk: 3DStudioMax, Autocad, Robot, Digital Fabrication and Reverse Engineering: MicroScribe, Milling, Waterjet, operation plus software, Parametric Design with Catia and SolidWorks, Rhino plus Grasshopper, Rendering with Vray for 3dsMax, Scripting with Processing and Arduino integration

Interactive and Participatory Systems, Unsolicited Architecture, Running, Photography, Cycling and Bike Building