

Name: **Robert Miles Kemp**

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Education: Masters of Architecture, Southern California Institute of Architecture, Los Angeles, 2006
Bachelor of Science in Architecture, University of Maryland, College Park, 2001

Work Experience: **SENIOR USER EXPERIENCE DESIGNER / LEAD INFORMATION ARCHITECT - Schematic**
March 2007 -- Present, Los Angeles

- * Designed and developed interactive interfaces and spatial navigation systems for clients, spanning 1', 2' and 10' as well as new emerging platform experiences
- * Performed a senior designer and leadership role supervising the design and creation of all deliverables
- * Lead weekly meetings with clients and interacted with clients directly
- * Determined design deliverables, project direction and schedule
- * Produced all types of diagrams, images, video, flash content and construction documentation to conceptualize ideas during brainstorming, concepting and production phases
- * Specifically worked on projects relating to up-and-coming technology: multi-touch and single touch screen interfaces, multi-touch cell phone and hand held interfaces, networked databases, interactive furniture, iTV (10' foot remote controlled interfaces), 10' gestural navigation systems and spatial projection interfaces, robotic interfaces, prototypical car user interfaces, and interactive gesture based kinetic space
- * **Some projects and clients include: Microsoft Surface, Disney Shopping, ABC Television Network, Time Warner Cable, BBC, Televisa, Emotiv, Primesense, Blockbuster, T-Mobile, BMW Designworks, Clearwire, Samsung, SONY, and Target**

DESIGNER / INVENTOR / PROGRAMMER / OWNER - Variate Labs

January 2003 -- Present, Los Angeles and New York City

- * Developed numerous web interfaces, branding, graphics and interactive media for clients in LA and NYC
- * Developed numerous information strategies for clients
- * Developing new methods for visualizing digital graphics and data in 3-dimensions
- * Developing flash interfaces to control physical space in real-time situational scenarios
- * Developing multiple interfaces that are controlled through physical gesture and accelerometers
- * Designed, and constructed numerous websites, interfaces and media content
- * **Some projects and clients include: Los Angeles Museum of the Holocaust, par-mcdonald.com, ali-cepark.com, cliffgartenstudio.com, interactive-architecture.com, variatelabs.com, seriesdesignbuild.com, tmtrestoration.com, eisstudio.com, bratton.info, orcini.com, www.mpluscapital.com, Women's Entertainment Television for Olive Media (NYC) and many others**

DESIGNER / BUILDER / OWNER - Series Design/Build

January 2005 -- 2008

- * Designed, supervised and managed all projects
- * Designed and developed numerous products, robotic prototypes, building systems and architectural space
- * Designed, manufactured, and installed interior components of three loft apartments in Brooklyn
- * **Projects include: Hollywood Hills House, 151 Kent Ave, 255 18th Street, and 315 Berry Street, Spora lighting system, parametric furniture and the Family furniture series (design, construction and development)**

JUNIOR ARCHITECT - Studio Bau:ton / Nonzero Architecture

June 2004 -- September 2004, Los Angeles

- * Extensive design, coordination of project issues and on-site construction supervision
- * **Projects include: New Amsterdam Screening Room, Bel Air House Addition and Hollywood House Addition**

JUNIOR ARCHITECT - TMT Restoration Consultants

February 2003 -- September 2006, New York City

- * Performed scaffold inspections on numerous skyscrapers and buildings across the city (Scaffold certified)
- * Performed Local Law 11 inspections
- * Constructed working drawings and supervised construction in the field on many large scale construction

projects in New York City

- * Designed all office promotional materials including, business cards, calendar, and logo
- * Designed and supervised construction of the new TMT office at 134 W 29th Street
- * **Restoration projects include: 222 Broadway, 3 Lincoln Center, 1965 Broadway, 315 W 74th Street, 457 W 57th Street, 315 W 92nd Street and World Financial Center**

HEAD OF DESIGN - Bandolier

May 2002 -- January 2003, New York City and Brooklyn, NY

- * Extensive design, coordination of project issues and on-site construction supervision
- * Physically manufactured interior component of numerous projects
- * Designed and produced new promotional materials
- * **Projects include: Emporio Armani Showroom, NYC (fabrication), 20 Jay Street shop and office**

JUNIOR ARCHITECT - Skidmore, Owings & Merrill, SOM Eurolabs

June 2000 -- June 2002, Washington, DC & New York City

- * Corresponded daily with developers throughout Europe
- * Measured in-field existing site conditions on projects in Washington DC and New York
- * Designed and built furniture and a new wall system for the SOM Office Gallery, New York City
- * Large scale laser model construction
- * Designed skyscrapers and large office buildings in Washington, DC, New York and Europe
- * **Projects include: United States Patent and Trade Office (VA), Metrocenter (DC), 2001 K Street (DC), 1425 I Street (DC), 200 Broadway (NYC), PSAC II (911 Center in NYC), Garibaldi (Milan), T1 Tower Competition (Paris), Defense Plaza (Paris), Westpoint Competition (NY), Junghof Plaza (Frankfurt), The SOM Gallery (NYC), Greenwich Academy (CT) and Delbarton School (NJ)**
- ***** **Previous six years of architectural work, spanning 3 offices, 25+ projects, available upon request**

Software and Scripting Languages:

Autocad R14-2005, Rhinoceros 3.0-4.0, V-Ray, Maxwell Render, Flamingo, Maya 5.0-7.0, Form-Z, Adobe: Illustrator, Photoshop, Indesign, Acrobat Pro, Premier Pro, Flash MX-CS3 (AS 2.0-3.0) Dreamweaver (HTML and CSS), Toposolid 2003, Surfcam, Vectorworks, BS2 Software, Omnigraffle, FTP software, All Microsoft Office Programs and many other types of software (Comfortable on both PCs and Macs)

Specialized Skills:

All shop tools (hand tools and power tools), Casting, Pre-cast Concrete, Glass Fiber Reinforced Concrete, CNC Milling, Vacuum Forming, Laser Cutting, Specialized Plastic Gluing, 3D Printing, Boat Building, Basic Welding, Wood and Metal Frame construction, Robotics (Programming and Manufacturing), Scripting, Flash Actionscripting, Web Languages, Website Design and Fabrication, User Experience Design, Branding, Motion Graphics, Interactive Media Presentations, Professional Writing, Book Creation, On-the-fly Design Charettes, Work Travel Experience, Making Far Fetched Ideas Believable

Honors / Activities:

School: President, Vice-President or Treasurer of all schools, Positions with the most responsibility
Post School: Constantly organizing different events focusing on technology, architecture, computers and robotics, Member of numerous technology groups in Los Angeles and New York

Lectures/Publications:

Lecture: Acadia 2008: Silicon and Skin, Biological Processes and Computation, Minneapolis, MN, October, 18, 2008, ACADIA
Lecture: Interactive Reprogrammable Architecture: iDMA, Los Angeles CA, May, 7, 2008
Lecture: Reprogrammable Space: at Materials and Applications in Silverlake, CA, November, 7, 2006
Article: Surface Magazine, "Automatic Architecture" Issue #69, December 2007.
Book: iA, Interactive Architecture, The history and future of interactive space, Princeton Architectural Press, Out Spring 2009
 ***** **My work has been cited or featured in 30+ paper and digital publications, available upon request**

Languages:

(1 Beginner - 5 Advanced) English: Oral 5, Written 5; Spanish: Oral 2, Written 4; German: Oral 1, Written 3

References:

Stephen Atkinson (Principal, Studio Atkinson), Benjamin Bratton (Director of Yahoo Advanced Strategies, Culture Industry), Hernan Diaz-Alonso (Principal, Xefirotarch), Peter Grueneisen (Principal, studio bau:ton), Michael Fox (Foxlin Studio), Michael Kirchmann (Skidmore, Owings & Merrill), Joe Rosa (Previous Architecture Curator of SFMoMA), Tina Tapinekis (Principal, TMT Restoration Consultants)

- * **Images, interfaces, architecture and writing specific to my work can be viewed at:**
www.variatelabs.com, www.seriesdesignbuild.com, my book www.interactive-architecture.com and my personal tech blog www.spatialrobots.com

- * **Physical portfolios, for all other work, are available for review in person**