Kate Hollenbach
www.katehollenbach.com
kjhollen@alum.mit.edu

EDUCATION

University of California Los Angeles
M.F.A. Design Media Arts, June 2017
Advisor: Casey Reas

Massachusetts Institute of Technology
B.Sc. Computer Science and Engineering, 2007
Graduate coursework at the MIT Media Lab, 2007–2008
Advisor: John Maeda

Rhode Island School of Design
Graduate coursework in Graphic Design, 2008–2009

TEACHING EXPERIENCE

Professional Lecturer at DePaul University, College of Computing and Digital Media
Full-time faculty appointment in Interdisciplinary Design. Courses taught:
Special Topics in Human Centered Design: Speculative Design, winter 2020
Playgramming, fall 2018, winter 2019, spring 2019, fall 2019, winter 2020
Creative Computation, fall 2019
Introduction to Visual Design, fall 2018, winter 2019, spring 2019
Creative Studio Methods, winter 2019, fall 2019
Solo Game Development, spring 2019

Part-Time Faculty at University of Southern California
Design Fiction and Speculative Futures, Media Arts + Practice, spring 2018
Information Visualization, Media Arts + Practice, fall 2017

Lecturer at University of California Los Angeles
Network Media, Design Media Arts, spring 2018
Interactivity, Design Media Arts, summer 2017

Adjunct Faculty at Woodbury University
Introduction to Programming I, Applied Computer Science, fall 2017

Instructor at University of California Los Angeles
Typography, Design Media Arts Summer Institute, summer 2016
Mobile Game, Design Game Lab Summer Institute, summer 2016

Teaching Assistant at University of California Los Angeles
Interactivity, Design Media Arts, spring 2016, fall 2016, winter 2017
Network Media, Design Media Arts, winter 2016, spring 2017
Typography, Design Media Arts, fall 2015

Teaching Assistant at Rhode Island School of Design
Embodied Computation, Graduate Studies Program, spring 2009

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Freelance Programmer and Artist
August 2017 – present, Los Angeles, CA and Chicago, IL
Programming and interactive software consulting for artists working with video and code. Clients include Peggy Weil Studio and Jennifer Steinkamp.

Oblong Industries
Director of Design & Computation, January 2012 – July 2015
Led an interdisciplinary team of designers and programmers to design the interaction, look, and feel of software designed at Oblong, with a focus on Mezzanine, the company's flagship product. Wrote guidelines for designing interactions and use of gestures, color, typography. Prototyped new interactions in code and conducted user studies. Managed a variety of design projects including customer facing user guides and instructional videos.

Interaction Designer, June 2009 – December 2011, Los Angeles, CA
Design lead for Mezzanine, Oblong's platform that seamlessly connects people, screens, devices, applications, and data through a scalable, shared workspace. Designed and implemented gestural interfaces for interacting with data. Wrote algorithms to process data from a 6-degree-of-freedom wand device and visualize gesture detection on screen.

Design and programming intern, June – August 2008, Los Angeles, CA
Prototyped gestural interactions with text, developed typography renderer for OpenGL.

Physical Language Workshop, MIT Media Lab
Research Assistant, September 2007 – May 2008 Cambridge, MA

Google
Software Engineering Intern, June – August 2007, New York, NY

Physical Language Workshop, MIT Media Lab
Undergraduate Researcher, 2004 – 2007 Cambridge, MA

IBM Visual Communication Lab
Research Intern, June – August 2006, Cambridge, MA

Electronic Publishing Group, MIT Media Lab
Undergraduate Researcher, February – August 2004, Cambridge, MA

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EXHIBITIONS

Border Control, New Media Caucus, Ann Arbor, MI September–November 2019
Snap + Share, San Francisco Museum of Modern Art, San Francisco, CA March–August 2019
Processing Community Day, Los Angeles, CA, January 2019
Clustering, Artificial Knowing, Los Angeles, CA 2018
Museum of Developer Art 2.0, Google I/O, Mountain View, CA 2018
Vulnerability: The Space Between, Young Projects, Los Angeles, CA 2017
Praxis VIII: Bodies, Technology and Space, USC Media Arts and Praxis, Los Angeles, CA 2017
Delete Me, MFA Exhibition, UCLA New Wight Gallery, Los Angeles, CA 2017
Far Bazaar, Cerritos College, Cerritos, CA 2017
Femmebit, Human Resources, Los Angeles, CA 2016
Free As In, UCLA New Wight Gallery, Los Angeles, CA 2016
Plop-up #01, The Public School, Los Angeles, CA 2016
Sorry for Not Being____, UCLA Broad Art Center, Los Angeles, CA 2016
Revolutionary Devices, MFA Solo Show, UCLA Broad Art Center, Los Angeles, CA 2016
It's doing it, online exhibition, 2015
DEEP WEB ROACH QUEEN. UCLA Broad Art Center, Los Angeles, CA 2015

TALKS AND WORKSHOPS

Code Kitchen, School of Art, Media, and Technology at Parsons School of Design, New York, NY 2019
Artist talk, New Media Crash Course at SAIC, Chicago, IL 2019
Interface Anxiety, *Designing Consent*, Illinois Institute of Technology, Chicago, IL 2019
Introduction to p5.js, *Processing Community Day @Chicago*, Chicago, IL, 2019
Artist talk, Lamar Dodd School of Art, University of Georgia, Athens, GA 2018
Artist talk, Information Visualization class at SAIC, Chicago, IL 2018
Artist talk, Interactivity class at UCLA Design Media Arts, Los Angeles, CA 2018
Interface Anxiety, *Praxis VII*, USC Media Arts + Practice, Los Angeles, CA 2017
phonelovesyoutoo, *Carbon Five Hack Night*, Los Angeles, CA 2017
Interface Anxiety, *Chillnet at Coaxial*, Los Angeles, CA 2017
A Processing Primer for Artists, Workshop at SIGGRAPH, Los Angeles, CA 2017
Artist talk, Computer Graphics class at Loyola Marymount University, Los Angeles, CA 2016
Women Developers Panel, *Silicon Beach Fest*, Los Angeles, CA 2015
Organic Aesthetics, *INST-INT*, Minneapolis, MN 2014
Hello, Space, Workshop at *Eyeo Festival* with Oblong Industries, Minneapolis, MN 2012
Design in Space, *Barcelona Design Week*, Spain 2011
Openstudio: an Experiment in Community, Creativity, and Capitalism, *Pecha Kucha Boston #3*, 2008

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Emily Wilson, A Nonjudgmental Look at Our Impulse to Share Images, *Hyperallergic*, May 20, 2019.

Philip Kennicott, Museums wants 2 show u memez now. They shud be careful, *Washington Post*, April 8, 2019.

Anita Katz, Photo play: Fun SFMOMA show explores changing methods of image delivery, *San Francisco Examiner*, April 8, 2019.

Jori Finkel, Tracing the Roots of Photo Sharing, From Mail Art to Instagram, *New York Times*, April 4, 2019.

Best of 2015: Our Top 10 Works of Internet Art, *Hyperallergic*, December 29, 2015.

Claire Voon, Code-Based Artworks that Reinvent Themselves Every Day, *Hyperallergic*, December 17, 2015.

COMMUNITY

Resident Artist, p5.js Contributor's Conference, STUDIO for Creative Inquiry, Carnegie Mellon University, August 2019

Co-organizer, Processing Community Day @Chicago, February 2019

Google Summer of Code with Processing Foundation, Summer 2017, 2018, 2019
   2017: Developed new software architecture for Web GL mode in p5.js, through Processing Foundation and Google Summer of Code.
   2018: Mentored student continuing work with Web GL in p5.js.
   2019: Mentored student designing a diverse and inclusive community project showcase page for p5.js.

Co-organizer, Art + Feminism Wikipedia Edit-a-thon, with voidLab and UCLA Arts Library, 2016, 2017

Invited contributor, p5.js Contributor's Conference, STUDIO for Creative Inquiry, Carnegie Mellon University, June 2015

PUBLICATIONS AND PATENTS

US Patent 10,353,483 B2, "Operating environment with gestural control and multiple client devices, displays, and users", July 16, 2019.

US Patent 10,067,571 B2, "Operating environment with gestural control and multiple client devices, displays, and users", September 4, 2018.

Joan Morris DiMicco, Katherine J. Hollenbach, Anna Pandolfo, Walter Bender: The Impact of Increased Awareness While Face-to-Face. Human-Computer Interaction 22(1-2): 47-96 (2007)

Martin Wattenberg, Fernanda B. Viégas, Katherine J. Hollenbach: Visualizing Activity on Wikipedia with Chromograms. INTERACT (2) 2007: 272-287

Joan Morris DiMicco, Katherine J. Hollenbach, Walter Bender: Using visualizations to review a group's interaction dynamics. CHI Extended Abstracts 2006: 706-711