

Objective

To combine graphic design, industrial design, mechanical engineering, electrical engineering, and storytelling to create memorable experiences.

Education

Royal College of Art, Master of Arts: Innovation Design Engineering, 2008–2010
Imperial College London, Master of Science: Innovation Design Engineering, 2008–2010

University of Arizona, Bachelor of Fine Arts: Visual Communication (Cum Laude and Honors), minor: Mathematics, 2000–2005

Work

Freelance, 2010–Present

Clients include Unilever, Innovation Design Engineering, My Preserver, Lambde Ltd., Ludic Group

Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA), 2005–2008,

Graphic designer and illustrator for a National Science Foundation funded organization that informs and supports water resource management and policy and promotes hydrologic literacy across all learning levels. I worked with scientists, programmers and editors to produce web sites and publication materials for both scientific and public audiences. I improved workflows for our bimonthly publication, redrew scientific illustrations, and generated graphics, code, and scripts for web sites.

Clients

They Might Be Giants: downloadable album art

Ford: design concepts and research

Unilever: brainstorming and concepts

SEED Foundation: graphic design, brainstorming and concepts

Aids Project Los Angeles: graphic design, illustrations

Intercultural Center for the Study of Deserts and Oceans (CEDO): layout, illustration, design

Persona Magazine: book design, image handling, photography

Awards

Commendation, Deutsche Bank Awards, 2010

University of Arizona Medici Scholarship, 2004

University of Arizona School of Art Scholarship Awards:
Edward Dumm, 2004, Haldeman Scholarship, 2004

Society of Illustrators National Student Scholarship: Dick Blick Art Materials Award, 2003

Exhibitions

Royal College of Art Show Two, 2010. *Track 01*: solo project

Royal College of Art Interim Show, 2010. *mywater*: group project

SIGGRAPH 2007. *NaturArte*: art direction, graphic design

The University of Arizona Summer Reading Program: Lionel Rombach Gallery, 2004

Society of Illustrators National Student Scholarship Exhibition:
New York SI gallery 2003, ICON 2003

Publications

2010 | 30: *Innovation Design Engineering*, 2010, ISBN: 0956136411: selection of work

Ecology and Conservation of the San Pedro River, 2009, ISBN: 0816527520: Illustrations

Respiratory Function in Singing: A Primer for Singers And Singing Teachers, 2007,
ISBN: 0976351315: Illustrations

Evaluation and Management of Speech Breathing Disorders: Principles and Methods, 2004,
ISBN: 0976351307: Illustrations

Illustrators 45, 2003, ISBN: 0060585709: Illustration

Skills

OS and Software: Mac OS, Windows, SolidWorks, Rhino, Grasshopper, hyperShot, Illustrator, InDesign, Photoshop, Acrobat, Flash, DVD Studio Pro, Final Cut Pro, FontLab, Maya, Digital Performer, Max/MSP, Arduino, Processing

Languages and protocols: XHTML, CSS, XML, PHP, Perl, FTP, SSH

Making and building: metal and wood fabrication, turning, machining, welding, soldering, sculpting, drawing, painting, printmaking, lasercutting, rapid prototyping, CNC preparation, DSLR photography and video, scanning, Wacom tablets

Intangible: brainstorming, nonlinear thinking, empathy, role playing, abstraction, linking, creative thinking

Interests

making lists, *music*: recording, songwriting, playing guitar, bass, accordion, synths, mandolin, and theremin, rhythm programming, attending concerts, concert photography, *cooking*: local and whole foods, 100-mile diet, farmers markets, home brewing beer, *traveling*: visited 23 countries on 3 continents, backpacking, cycling, *sustainability*: sustainable living, biomimicry, cradle to cradle, low footprint construction, local materials, *art*: sequential art, story telling, character development, mood, visualizing quantitative information, science and art, math and art

I have seen 35 out of the 37 known and disputed Johannes Vermeer paintings.

References upon request