DANIEL MIKESELL
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EDUCATION

Interactive Telecommunications Program, New York University, MPS   2003
Thesis: *The Head Reliquary of Karen Carpenter.* Advisor: Tom Igoe

Digital Media and Experimental Animation, Indiana University, BA   1997

EMPLOYMENT

Visiting Professor, Comprehensive Design, Indiana University   2020- 23
  Developing object design curriculum and outreach with local businesses.
        Courses created and taught:
- C381 Collaborative Design
- C480 Special Topics: Object Design
- C380 Special Topics: Human Centered Design
- A201/A401 Forums of Exchange

Visiting Assistant Clinical Professor, Intelligent Systems Engineering, Indiana University   2018-20
  Developed introductory engineering design process curriculum and pedagogy for new STEM department.
        Courses created and taught:
- ENGR 101: Innovation and Technology
- ENGR 327: Automated Fabrication Machines

Assistant Arts Professor, Interactive Media, New York University, Shanghai, China   2015-18
  Created curriculum for new interactive media arts program focused on programming, physical computing, electronics, and the use of technology as a creative tool.
        Courses created and taught:
- Interaction Lab: Computational Art Using Arduino and Processing
- Solar Solutions: Sun-Powered Installations
- Digital Farm: IOT for Living Art and Sustenance
- Inflatables Actuators

Lecturer, Art Department, California Polytechnic State University, Pomona, CA   2014-15
  Taught technical illustration and communication techniques to art and engineering students.

Resident Researcher, University of Maine, Orono   2014
  Taught physical computing and developed a filterless volatile organic compound air purifier using the bioremediation characteristics of plants.

Assistant Professor, Digital Media Department, Hongik University, South Korea   2009-13
  As part of the World Class University grant, a 4-year, multi-million-dollar award, created a digital fabrication and electronics prototyping lab including 3D printers, CNC machine, PCB router, circuit embroidery

machine and 3D motion capture station. Led research in interactive
electronics, prototyping, user experiences, and device hacking.

Courses created and taught:
- Introduction to Physical Computing
- NIME (New Interfaces for Musical Expression)
- Interaction Design
- Interactive Art of Everyday Things
- Interactive Product Design
- Fabrication for Kinetic Sculpture

Co-Founder/ Creative Director: Hacker Space Seoul   2010-13
Led a group of scientists, programmers, architects, and designers working
on creative projects for the community.

Adjunct Professor, City University of New York, Fine Art Department, New York, NY   2006

Adjunct Professor, New Jersey City University, Art Department, Jersey City, NJ   2005

Co-Founder: Moddities Toy Studio NYC   2006-09

Adjunct Professor, New School / Parsons School of Design, New York, NY   2003

HONORS and AWARDS

Engadget Expand Competition Semi-Finalist, "Hodu," San Francisco, California   2012

1st Place Award, SIGGRAPH Research, "Hodu: Zero Failure Therapy Device," Los   2009
Angeles, CA

1st Place Award, SIGGRAPH Research, "Project : Prey," New Orleans, LA   2008

PATENTS

USA Patent Number US-7846002-B1 Lighted construction blocks
Korean Patent Number 10-1174999 Art based physical therapy device
Korean Patent Number 30-0633099 Art based physical therapy device design

GRANTS and RESIDENCIES

Asia Cultural Center Residency, Gwangju, South Korea. "Dancheong Korean   2018
Architectural Painting and Hot Rods."

Laboratory Residency, Spokane, WA. "Hacking the IPhone 4."   2018

Engadget Expand Competition Semi-Finalist, San Francisco, CA. "Hodu."   2012

KOFAC (Korean Foundation for the Advancement of Science and Creativity) Grant,   2012

Seoul, South Korea. "Bio-Photo: Imaging through recombinant DNA in Photo-reactive E. Coli."   2011

STEIM (Studio for Electro-Instrumental Music) Residency, Amsterdam, Netherlands   2011

KOFAC (Korean Foundation for the Advancement of Science and Creativity) Grant,   2011
  Seoul, South Korea. "Biomimetic Kinetic Orchestra."

Platoon Kunsthalle Art Residency, Seoul, South Korea   2011

Moonji SAII Art Residency, Seoul, South. Korea   2010

Seoul Cultural Development Grant, Seoul, South Korea   2009-13

World Class University Grant, Seoul, South Korea   2017

PAPERS AND TALKS

"Techno Organic," Special Guest Lecture, "Nature of History/History of Nature."   2015
School of Visual Arts, New York, NY

"Little Sun," Hongik University, Seoul, South Korea. Special Guest Workshop.   2012

"Age of Integration," KAIST- ICISTS, Speaker and Panel Chairman, Daejeon, South   2012
Korea

"Secret Garden a Living Wearable," Korean Society of Basic Design & Art, San Jose,   2012
CA

"Free Culture: What the Age of the Mash-up Means for Creatives," Art Center Nabi,   2012
  Creators Project, Artist Talk, Seoul, South Korea

"Making a Space," Guest Lecture, Hanyang University, Seoul, South Korea   2010

"Beyond Language," Moderator, Hongik University Media Art Department and Tokyo   2010
  Polytechnic, Jochiwon, South Korea

"Convergence of Art and Technology," Hongik University, Department of Information   2010
  Technology, Jochiwon, South Korea

"짜릿한 전기파티 **Electrifying Party,"** Lead Presenter: Physical Computing   2010
  and Hacking Workshop, Seoul, South Korea

EXHIBITION HISTORY

"EZRA,"Experimental Fashion & Fiber Art Exhibition, CICA Museum, Seoul, South   2020
Korea

"Making of Hodu," Shenzhen Design Week, Shenzhen, China   2014

"3D Printing & Art-예술가의 새로운 창작도구," Savina Museum of Contemporary   2013
Art, Seoul, South Korea

"Collective Memory, Collective Power,"Bongsan Art Center, Daegu, South Korea   2012

"Social Photography III," Carriage Trade Gallery, New York, NY   2012

"Building Bio-photography," Art + Technology Exhibition, Science and Creativity   2012
  Conference, Sheraton Walkerhill, Seoul, South Korea

"Bio-Photo: Imaging through recombinant DNA in Photoreactive E.Coli Bacteria,"   2012
  KOFAC Science and Education Exhibition, Seoul, South Korea

"Make Your Own Theremin," Maker Faire Korea, Seogyo Art Center**,** Seoul, South   2012
Korea

"Iron Hack-Zip Ties," Seogyo Art Center, Seoul, South Korea   2012

"Biomimetic Kinetic Orchestra Redux," KOFAC Science and Education Exhibition**,**   2011
Seoul,   South Korea

"Iron Hack-Rubber bands," Maker Carnival, Beijing, China   2011

"Biomimetic Kinetic Orchestra," Platoon Kunsthalle, Seoul, South Korea   2011

"Media Circ(it)s," Hangang Park, Seoul, South Korea   2011

"Iron Hack- Tape," Platoon Kunsthalle, Seoul, South Korea   2011

"DIY Flash Projector Workshop," Platoon Kunsthalle, Seoul, South Korea   2011

"Moto-Organ," DALSMA Exhibition, Mullae Art Center, Seoul, South Korea   2011

"Prosthesis," Media Scapes Exhibition, Nam June Paik Art Center, Seoul, South Korea 2011

"Kokdu, Kokdo Where Are You," Ggul, Seoul, South Korea   2010

"Dream 3", Moonji SAII, Seoul, South Korea   2009

"HODU", Academic Patent EXPO, KINTEX, Ulsan, South Korea   2007

"Project : Prey,"Crème Art Space, Brooklyn, NY   2007

"Signal to Noise", New Media Fest**,** Valencia, Spain   2006

"Signal to Noise," Spark Festival of Electronic Music and Art, University of Minnesota, Minneapolis, MN	2006
"Signal to Noise," A/V Art Sound Space, Rochester, NY	2006
"Heddatron," Director: Alex Timbers, HERE Arts Center Theatre, New York, NY	2005
"Signal to Noise," Nebraska Noise Fest, The Tank, New York, NY	2004
"Compact Impact," Moddities Toy Studio brand products, TKNY, New York, NY	2004
"NY Pigeon Project," Technical Director, Lead Artist: Patty Harris, New York, NY	2004
"Signal to Noise," NewSpace Gallery, Curator: Chris Bennett, Portland, OR	2003
"Evil Twin: Social Networking Device," SIGGRAPH Emerging Technologies Exhibition, Los Angeles., CA	2003
"**Erotica," ZEROGLAB Nanofestival v.03**, Rotterdam, Netherlands	2003
"Hello Kitty: Networked Cat Toy," Ubicomp Conference, Seattle, WA	2003
"The Modern Martyr Project: The Head Reliquary of Karen Carpenter," Masters Thesis Exhibition, New York University, New York, NY	2003
"Love Gun: Love Art War," Emerging Arts Exhibition**,** New York, NY	2003
"Infrared Experimental Instruments Show," Frying Pan, New York, NY	2003
"BLUR: Open Media Swap," Parsons / New School University, New York, NY	2003

PUBLISHED ARTICLES and INTERVIEWS

"Hacking in Seoul," *Click*, BBC World Service, Feb.19	2012
"HackerSpace Seoul Founders Interview," *Eloquence Magazine*, May, pp. 30-32	2010
"The Evening Show," Radio Interview, TBSeFM, Seoul, South Korea	2005
"Copy Your Vinyl," *Make Magazine*, July, pp. 124-126	2004
"Patty: Mobile Meat on a Leash," *Servo Magazine*, January 2004, pp. 66-67	2009

PRESS

Jurie Hwang. "Korean 'Hodu' Design Wins Siggraph Research Challenge." *Koreaherald*, September	2006

Daisy, Mike. "An Ibsen Classic, Now With Robots! " *Wired Magazine*, February
          2006

Brantley, Ben. "In Robot World She Turns More Hedda Than Hedda." *New York Time*s, February
          2006

Smith, Robert. "Ibsen Meets 'I Robot' in 'Heddatron'." National Public Radio, February
          2006

D'Addario, Darren. "Heddatron," *Time Out New Yor*k, February 2-8
          2006

"Kobra/Robot," *Swedish Sveriges Television*, Broadcast April 24
          2006

"**Broadway 'bots?"** *Discovery Channel*, Broadcast April 11
          2006

"Radiostyrda robotar spelar Ibsen," *Svenska Dagbladet*, February 14
          2006

Brian Logan. "Brainwaves: Heddatron," *Guardian UK*, February 16
          2006