

James Powderly

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Websites

<http://ffff.at>
<http://graffitiresearchlab.com>
<http://robotclothes.com>
<http://honeybeerobotics.com>

Bio

James was born in Chattanooga, Tennessee, U.S.A. in the year of the dragon, 1976. He has been making technology and media at the fringes of robotics, graffiti, space science, tattoos and rock n roll since 1992. James was a Senior Research Fellow in the Eyebeam R&D OpenLab developing creative tools and media to directly enrich the public domain. Prior to working at Eyebeam, he was an engineer and the Director of Technology Development at Honeybee Robotics, a Manhattan-based NASA contractor. He was a part of the team that developed and operated the Mars Exploration Rover's Rock Abrasion Tool and built a 4-meter, wall-drilling robot for Diller + Scofidio's retrospective at the Whitney Museum of American Art. James has been awarded grants, fellowships, detentions and commissions for his own work, including an Award of Distinction in 2006 from Ars Electronica for co-founding the Graffiti Research Lab. His art and design projects have been shown on six continents, including multiple exhibitions at both the Tate Modern and the MoMA, and his first movie, *GRL: The Complete First Season*, premiered at the Sundance Film Festival. James has been featured in mainstream and alternative media around the globe, including the New York Times, Wired, Time Magazine, Time Asia, Rolling Stone, The Taipei Times, El Pais, Il Corriera Della Sera and Esquire, on *Fantastico* in Brazil, B92 in Belgrade, KBS and SBS News in South Korea and ABC News in the US, and on the web at sites like Slashdot, Boing Boing, Digg.com and on the front page of YouTube. His work is in the permanent collection of the Museum of Modern Art in New York City and the permanent collection of robotic debris on the planet Mars, but you can find it year-round on the web and on other people's property all over the world. James lives in the County of Kings, Brooklyn, and teaches at the Communication Design and Technology Department at Parsons the New School for Design. I am James Powderly and I approve of this message. Free Chongwen!

Education

New York University , Tisch School of the Arts
Interactive Telecommunications Program, M.P.S in Interactive Art, 2002

University Of Tennessee at Chattanooga, Cadek Department of Music
B.M. in Music Composition/Theory, *Cum Laude*, Highest Departmental Honors, 2000

Professional Experience

Research Director, Co-founder, Free Art & Technology Lab
2007 - present

Adjunct Instructor , Parsons The New School for Design
Communication, Design and Technology Department
Classes Taught:
Home X – Spring 2007

Internet Famous – Fall 2007, Fall 2008
Field Guide for Public Works - Spring 2008, Fall 2008

Senior Research Fellow, Eyebeam Art and Technology Center
R&D OpenLab
2006 - 2007

Research Fellow, Eyebeam Art and Technology Center
R&D OpenLab
2005 - 2006

Director of Technology Development, Honeybee Robotics
2005

Applications Engineer, Honeybee Robotics
Technology Development Group
2004 - 2005

Engineering Technician, Lab Foreman, Honeybee Robotics
2002 - 2004

Adjunct Instructor, Pratt Academy of Art and Design
Classes Taught:
Gizmos and Gadgets -- Fall 2002
2002

Co-founder and Lead Engineer, Robot Clothes
2001 - 2003

Graduate Assistant, New York University,
Interactive Telecommunications Program
2000 - 2002

Editor In chief, Sequoyah Review,
University of Tennessee at Chattanooga
1999

Selected Exhibitions and Performances

2009

The Centre Pompidou
Graffiti Research Lab performance and exhibition
Paris, France, TBD

SXSW Festival
Keynote Speech
Austin, Texas, USA, March

Indian Institute of Technology
IIT Technology Festival Exhibition and Performance
Mumbai, India, January

2008

DesCors
AIA New Orleans
GRL L.A.S.E.R. Tag
New Orleans, Louisiana, USA, December

Genart Vanguard
Art Basel Miami
GRL performance and exhibition
Miami, Florida, USA, December

Museum of Modern Art
Rough Cut: Design Takes a Sharp Edge
The Philip Johnson Architecture and Design Galleries
GRL L.A.S.E.R. Tag
New York, New York, USA, November

Elizabeth Foundation for the Arts
Beyond A Memorable Fancy Exhibition
The Green Lantern
New York, New York, USA, November

Seoul Design Olympiad 2008
Design is Air
L.E.D. Throwies
Seoul, South Korea, October

Seongnam Art Center
Universal Electronic Art
The Green Lantern
Seoul, South Korea, October

Sangsangmadang
Works: Social Intervention
GRL: The Complete First Season (in Korean)
Seoul, South Korea, October

GRL in Perugia
L.A.S.E.R. Tag
Perugia, Italy, October

Experimenta Design Amsterdam 2008
GRL performance and exhibition
Amsterdam, The Netherlands, September

The Red Mansion Foundation
DOWN TOWN PRODUCTION: An Exhibition of Chinese Urban Art
L.A.S.E.R. Tag with MC Yan and the Tate Modern
London, U.K., September

Nuart 2008
GRL performance and exhibition
Stavanger, Norway, September

EIZONE
L.A.S.E.R. Tag

Yokohama, Japan, September

APMT

GRL performance and exhibition

Tokyo, Japan, August

FILE 08

GRL L.A.S.E.R. Tag

Sao Paulo, Brazil, August

BELEF 08

GRL L.A.S.E.R. Tag

Belgrade, Serbia, July

The Total Museum

GRL performance and video exhibition

Seoul, South Korea, July

Gallery Anno Domini

Department of Homeland Graffiti Liquidation Sale

San Jose, California, USA, June

Brooklyn Academy of Music

GRL: The Complete First Season

Brooklyn, NY, USA, June

Street Art, Tate Museum of Modern Art

GRL L.A.S.E.R. Tag

London, UK, June

Seoul Digital Forum

Urban Design presentation

Seoul, South Korea, May

Museum of Modern Art

Pop Rally Series

GRL: The Complete First Season

New York, NY, May

Adelaide Bank Festival of the Arts,

GRL Master Class, performance and exhibition

Adelaide, Australia, March

Spark Festival

University of Minnesota

GRL performance and workshop

Minneapolis, Minnesota, USA, March

LightWave Festival

Trinity College

GRL L.A.S.E.R Tag

Dublin, Ireland, February

Museum of Modern Art

Design and the Elastic Mind

GRL L.A.S.E.R. Tag
New York, NY, USA, February

Sundance Film Festival
New Frontier
GRL L.A.S.E.R. Tag
GRL: The Complete First Season (premiere)
Park City, Utah, January

2007

Festival Luminis
GRL L.A.S.E.R. Tag
Lausanne, Switzerland

Enzimi
GRL L.A.S.E.R. Tag
Rome, Italy

Taiwan Digital Art Festival
GRL performance and exhibition
Taipei, Taiwan

Microwave Festival
GRL L.A.S.E.R. Tag
Hong Kong, China

Gadget-Off
Liberty Science Center
Presentation
New York, NY, USA

Nuit Blanche
GRL performance and exhibition
Toronto, Canada

Transitio
GRL performance and exhibition
Mexico City, Mexico

ARS Electronica, Second City
GRL performance and exhibition
Linz, Austria

Maker Faire
Presentation
San Mateo, California, USA

Creator Series, Tomorrow Unlimited
GRL exhibition
Los Angeles, California

Creator Series, Tomorrow Unlimited
GRL performance and exhibition
New York, NY, USA

OFFF
GRL performance and exhibition
Barcelona, Spain

Klein Art Gallery
Wildflower Meadow Glacier
Philadelphia, Pennsylvania, USA

Laboral
GRL performance and workshop
Gijon, Spain

Open City - Eyebeam (Curated & Exhibited)
Grl performance and exhibition
New York, NY, USA

Art Rotterdam
GRL L.A.S.E.R. Tag commission
Rotterdam, Netherlands

Lower Manhattan Cultural Council: Off the Record Commission
GRL Mobile Broadcast Unit
New York, NY

2006

Electrohype
GRL exhibition
Malmo, Sweden

Artbots Regional Show, Location One
Wildflower Meadow Glacier
New York, NY, USA

Nuart
GRL performance and exhibition
Stavanger, Norway

Ars Electronica (Given an Award of Distinction for GRL)
GRL performance and exhibition
Linz, Austria

FOO Camp
Presentation
Sebastopol, California, USA

SIGGRAPH, Guerrilla Studio
GRL workshop
Boston, Massachusetts, USA

Maker Faire
GRL performance and exhibition
San Mateo, California, USA

Next Wave Festival, Sideshow
LED Throwies
Melbourne, Australia

2005

Gadget Off
Presentation
New York, NY, USA

Eyebeam, Holiday Hackshop.
Robot Clothes Workshop
New York, NY, USA

Eyebeam
Automated Biographies Panel and Workshop
New York, NY, USA

2004

Artbots
Wildflower Meadow Glacier
New York, NY, USA

2002

Spring Show, Interactive Telecommunications Program
Natura Morte
New York, NY, USA

Fall Show, Interactive Telecommunications Program
Ill Shoes
New York, NY, USA

2001

Thesis Show, Interactive Telecommunications Program
PEEK!
New York, NY, USA

Spring Physical Computing Show, Interactive Telecommunications Program
PEEK!
New York, NY, USA

ITP NYU
The Naked Show (live nude streaming game-show)
New York, NY, USA

2000

Roland Hayes Concert Hall
Make it, Take it!
Chattanooga, TN, USA

The Cress Gallery, University of Tennessee at Chattanooga

Moseia
Chattanooga, TN, USA

1999

Birmingham Southern New Music Festival
Like Gold to Airy Thinness Beat
Birmingham, Alabama, USA

Cadek Conservatory
Power Lunch
Chattanooga, TN, USA

Roland Hayes Concert Hall
Mnemosyne and the Roller Coaster Dummy
Chattanooga, TN, USA

1998

Cadek Conservatory
Two Pieces for Three Instruments
Chattanooga, TN, USA

Awards, Commissions, Grants, Residencies and Detentions

10-day Detention at Chongwen Administrative Detention Center, PSB, 2008
Adelaide Art Festival Commission and Master Class, 2008
Cadre-Montavalo Research Residency Finalist, 2007
Liverpool Biennial Visible Virals Commission, Tate Liverpool and the 2008 European Cultural Capital Celebration, 2007
Atelier Rijksbouwmeester Commission for Art Rotterdam 2007
Eyebeam OpenLab Senior Fellowship 2006-2007
Lower Manhattan Cultural Council Off the Record Commission 2006-07
Ars Electronica, Award of Distinction in Interactive Art 2006
Eyebeam OpenLab Fellowship, 2005-2006
Eyebeam Artist in Residence Summer 2005
ITP NYU Graduate Fellowship 2000-2002
Departmental Honors, 2000
Provost Student Research Grant for "Moseia", 1999
Denman Langford Music Composition Award, 1999
Authors and Artist Scholarship, 1998
Sequoyah Review Poetry Prize, 1996

Book Contributions

The Atlas of Site Specific Art, Phaidon Press, currently in production
Field Guide for Public Works Volume #1, Parsons the New School for Design, U.S., 2008
Design and the Elastic Mind, MoMA Exhibition Catalog, US, 2008
Street Renegades, Francesca Gavin, UK, 2007
Space Craft: Fleeting Architecture and Hideouts, Die Gestalten Verlag, Germany, 2007
Goodbye Privacy, Ars Electronica, Austria, 2007
Simplicity, Ars Electronica, Austria, 2006
CyberArts (cover photo), Ars Electronica, Austria, 2006

Selected Print and Mass Media

Globo TV, Fantastico, Pixacao a Laser Chego ao Brasil, August 31st, 2008
ABC News, American Artist Detained in China
New York Times, US Disappointed Olympics Didn't Open China More, August 24th, 2008
New York Times, China Gives 6 Americans 10-day Detentions, August 22nd, 2008
New York Times, Five Americans are Arrested for Protest in Beijing, August 19, 2008
Fohla De. Sao Paulo, SP Recebe Grafite Electronico no FILE, August 7, 2008
B92 TV, Dizanje, July 27th, 2008
El Pais, Pintadas De Neon, June 23rd, 2008
SBS News, Seoul Digital Forum, May 2008
FHM Taiwan, May 2008
Corriere della Sera, front page photo, Dec. 4th, 2007
Corriere della Sera, *Colosseo e Piramide: il Iser firma i graffiti della notte*, Idec. 3rd, 2007
The Taipei Times, 2007
Time Asia, *How Graffiti Artists are Cleaning Up*, 2007
Modart Magazine, *Windows and Wallpapering: Questions about Art, Technology and Poetic Interference*, 2007
Esquire Magazine, *The Genius Issue: How to Start your Own Graffiti Research Lab*, 2007
Rolling Stone, *The Hot Issue*, 2007
New York Times, *The Writing's Off the Wall*, 2007
ABC News, *Let There be Light*, 2007
Wired Magazine, *Graffiti Goes LED*, 2006
Dazed and Confused, 2006
New York Times, *Graffiti by the (Extensively Analyzed) Numbers*, 2006
Time Out New York, *The Exhibitionists*, 2006
Time Magazine, *Innovators*, 2006
Make Magazine, Issue 6, *LED Throwies*, 2006
Village Voice, *DIY.org*, 2006
Make Magazine, Issue 5, *Artbots*, 2005
New York Times, *Martian Robots Take Orders from a Manhattan Walk-up*, 2004

Academic Publications

Bartlett, P., Carlson, L., Chu, P. C., Gorevan, S. P., Kusack, A. G., Myrick, T. M., Wilson, J. J., Powderly, J., Summary of the Rock Abrasion Tool Results Pertinent to the Mars Exploration Rover Science Data Set, 36th Lunar and Planetary Science Conference, League City, Texas, March, 2005

Powderly, J., Yachbes, I., Wilson, J., Bartlett, P., Gorevan, S., Subsurface Analyzer and Sample Handler for Resource Reconnaissance and Preliminary Site Assessment at the Lunar Cold Traps, The Space Resources Roundtable, Golden, CO, September, 2004

Myrick, T., Chau, J. J., Carlson, L., Powderly, J., Bartlett, P., Gorevan, S., The RAT as a Rock Physical Properties Tool, AIAA Space 2004, Orlando, FL, 2004

Danny Zajc (Chapbook). Translation from Slovene, Chattanooga, Tennessee: Poetry Miscellany Press, 1998

Technical Certifications

NASA-STD-8739.3 Hand Soldering Certification
NASA-STD-8739.7 Electrostatic Discharge Control Certification
NASA-STD-8739.4 Crimping, Interconnecting, Cabling and Harnessing Training