Daniel Jay Bertner

New York, NY | danbertner.com | danbertner @ gmail.com | github.com/danieljayB

Education

The School of the Art Institute of Chicago   2009-2011
Chicago, IL | Bachelors of Fine Arts with a focus in Art and Technology.

Work Experience

OSEPP Electronics   2013-Present
Arduino technical support and product developer.

Freelance developer   2011-Present
Hardware/software developer for museums, startups, artists, designers

Sandbox Industries   2012-2013
Co-founder of Scout Alarm, an "Internet of Things" home security system.

M1 Interactive   2011-2012
Software/Hardware developer for museum permanent installations.

Press & Publications

"T.I.M. art installation has a taste for passers-by, also fava beans and a nice chianti"
(blog) Engadget 2011 by Joseph Volpe | http://www.engadget.com/2011/10/21/t-i-m-art-installation-has-a-taste-for-passers-by-also-fava-be/

"Danny Bertners Tracking Robots" (blog) Beautiful/Decay 2011
by Amir H. Fallah | http://beautifuldecay.com/2011/11/03/danny-bertners-tracking-robots/

"Creepy delta bot follows your every move" (blog) HackaDay
by Mike Nathan | http://hackaday.com/2011/10/20/creepy-delta-bot-follows-your-every-move/

"Wall-mounted interactive robot mimics emotions, follows you around, wants to be friends" (blog) Engadget 2012 By Michael Gorman | http://www.engadget.com/2012/05/08/interactive-robot-mimics-emotions-follows-you-around/

"GIA Robot: 'Gestural Interactive Automaton' Sculpture Watches You And Reacts"
(blog) The Huffington Post 2012 By Chris C. Anderson | http://www.huffingtonpost.com/2012/05/08/gia-robot-gestural-interactive-automation_n_1500033.html

"Artsy Robot Reacts To You Watching It" (blog) MSNBC
By John Roach | http://sys03-public.nbcnews.com/technology/artsy-robot-reacts-you-watching-it-763060

"Awkward Robot Craves Your Attention, Mimics Your Expressions" (blog) PCWorld
By Elizabeth Fish|
http://www.techhive.com/article/255374/awkward_robot_craves_your_attention_mimics_your_expressions.html

Exhibitions

Student Group Exhibition   2006
Florida International University, Miami, FL

In Focus   2007
Florida International University, Miami, FL

Thesis I Spring Exhibition   2008
Florida International University, Miami, FL

Maximum Occupancy : 13   2009
4040 NE 2nd Ave Suite 103, Miami, FL

Bachelors of Fine Arts Exhibition   2011
School of the Art Institute of Chicago, Chicago, IL

Machinations: Kinetic Sculpture in the Age of Open Source   2012
1104 S Wabash Ave, first floor, Chicago, IL 60605

Beep Bop Boop   2014
FATVillage Projects 523 NW 1st Ave Ft Lauderdale, FL 33301

Skills

OS: GNU-Linux, OS X, Windows, Android, iOS

Programming Languages: C/C++, Java, Python, HTML/CSS

IDE's & frameworks : Processing, openFrameworks, Arduino, Xcode, Eclipse Luna

Hardware & protocols: Arduino/misc. microcontrollers, Apple hardware installation/repair, electronics (lights, motors, misc. electrical components/IC chips), soldering, Raspberry Pi (and misc. Linux based dev boards), 802.11 networks (ZigBee, nrf24l01 transmitters, Bluetooth/BTLE, WiFi)