

Joseph M. Saavedra

Creative Technologist, Educator,
Hardware and Software Developer
<http://jos.ph>
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Education

Parsons The New School of Design
MFA, Design and Technology
2008 - 2010

University of California, Davis
BA, Technocultural Studies
BA, Music Composition
2003 - 2008

Experience

Parsons the New School for Design

Adjunct Professor

Undergraduate and Graduate courses: Creative Coding, Physical Computing, Core Studio: Interface, and various project-based collaboration studios within the School of Art, Media, and Technology
<http://amt.parsons.edu>
September 2009 - Present

Social Science Research Council (SSRC)

Producer, Engineer, Designer, Instructor

Worked on development of hardware, software, and academic curriculum for summer camp and program in collaboration with the NY Hall of Science, Queens, NY.
<http://ssrc.org>, <http://nysci.org>
February 2010 - October 2010

Open Hardware Summit

Core Volunteer

Worked on PR, coordination, and documentation of the Open Hardware Summit both in the founding and subsequent year.
<http://openhardwaresummit.org>
September 2010, September 2011

L.E.M.U.R.

League of Electronic Musical Urban Robots

Intern

Duties and work range from metal fabrication and construction of robots, to programming, and assisting in robot installation and performance.
<http://LEMURbots.org>
January - August 2009

UC Davis Center for Mind and Brain

Research Assistant

Assisted in the running of experiments in Petr Janata's neuroscience lab. Programmed Max/MSP patches for use in the Music, Spirituality, Religion and the Brain project.

<http://tarp.ucdavis.edu>
May 2007 – August 2008

Freedom From Hunger

Intern

Researched, narrated, and edited audio to produce podcasts using Soundtrack Pro and Logic, published online for Freedom From Hunger Day, 2007.

<http://FreedomFromHunger.org>

July – September 2007

Selected Lectures / Awards

- Citizen Sensor presentation. *Eye On Earth Summit*. Abu Dhabi, UAE. 2011.
- Weather Tunnel lecture. *TransLife New Media Triennial*. National Art Museum, Beijing. 2011.
- Artist presentation. *Design Indaba 2011*, Cape Town, South Africa, 2011.
- First Prize, International Category for Citizen Sensor. *Köln Design Preis*. Köln, Germany, 2010.
- Citizen Sensor. *William Randolph Hearst Award*, 2010.
- Citizen Sensor presentation. Make stage, Maker Faire, NYC 2010.
- Emoti-Con, Keynote Speaker. Youth Digital Media and Technology Festival, NYPL. June 2010.
- Citizen Sensor presentation. Fashioning Technology Book Summit. NYC, 2010.
- Merit-based Graduate Dean's Scholarship, MFA Design and Technology, Parsons. 2008-2010.

Exhibitions

- Citizen Sensor. Eye On Earth Summit Innovator's Forum. Abu Dhabi, UAE. 2011.
- Weather Tunnel Project. TransLife New Media Triennial. National Art Museum, Beijing. 2011.
- Electro-mechanical Solenoid Orchestra. TransLife New Media Triennial. National Art Museum, Beijing, China. 2011.
- Citizen Sensor. Museum für Angewandte Kunst Köln (Museum for Applied Art) Cologne, Germany. October 2010.
- EKG Heartbeat Hoodie. Art, Design and the Arduino: a Lineage, NYC Resistor, NYC. March 2010.
- Spatialized Umbrella. Pluto Festival 2009. Opwijk, Belgium. October 2009.
- Citizen Sensor. World Maker Faire, NYC. September 2010.

Selected Publications

- Wired UK, "DIY pollution monitor could help you to breathe easy". April, 2011.
- New York Times, "Dial-a-class". Citizen Sensor and the C3 Project. September, 2010.
- Technical Editor, *Make: Arduino Bots and Gadgets*. O'Reilly Media. 2010.
- Various projects featured on blogs such as Engadget, Gizmodo, Make, and more.

Specializations / Proficiency

Interaction Design
Processing
openFrameworks/C++
Arduino

EAGLE Cad
Max/MSP/Jitter
Wearable Tech
Android

PHP/MySQL
Wordpress
iPhone Development
PIC Basic Pro

Logic Pro
HTML5/CSS
Javascript/jQuery